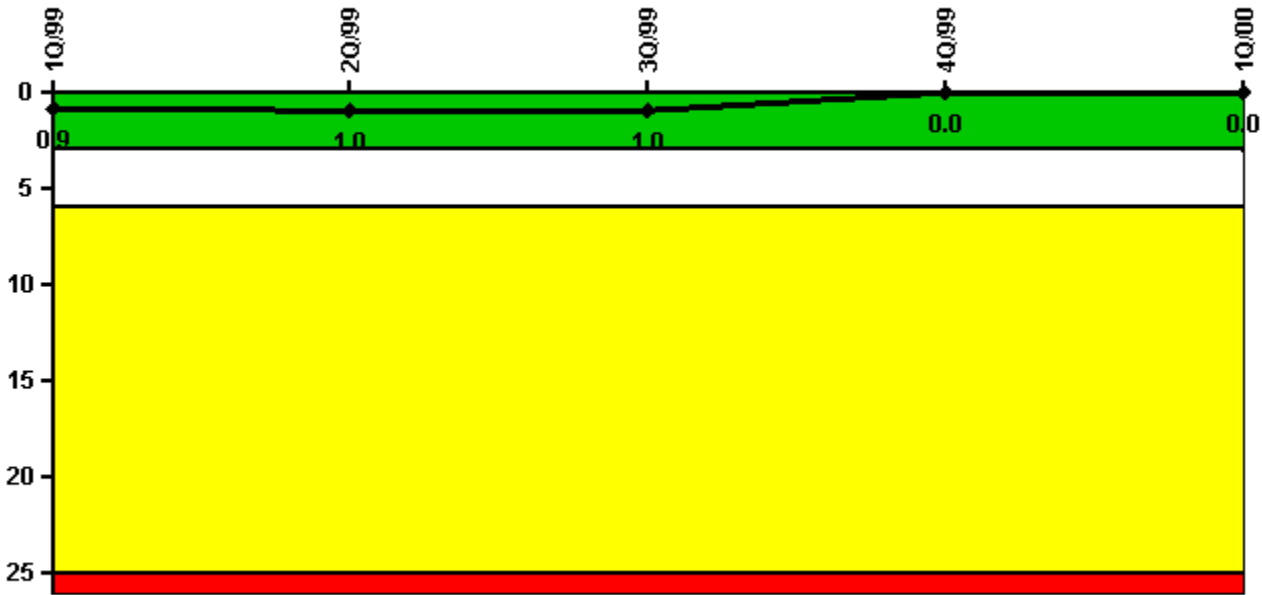


Seabrook 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



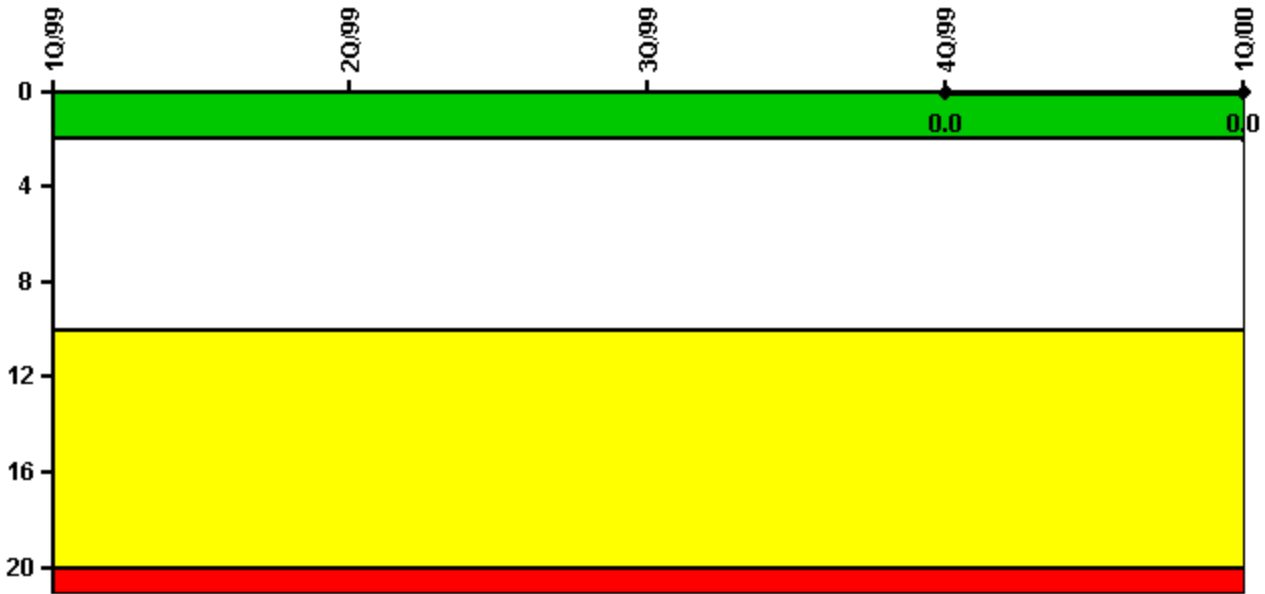
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2044.7	1204.2	2208.0	2209.0	2149.6
Indicator value	0.9	1.0	1.0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



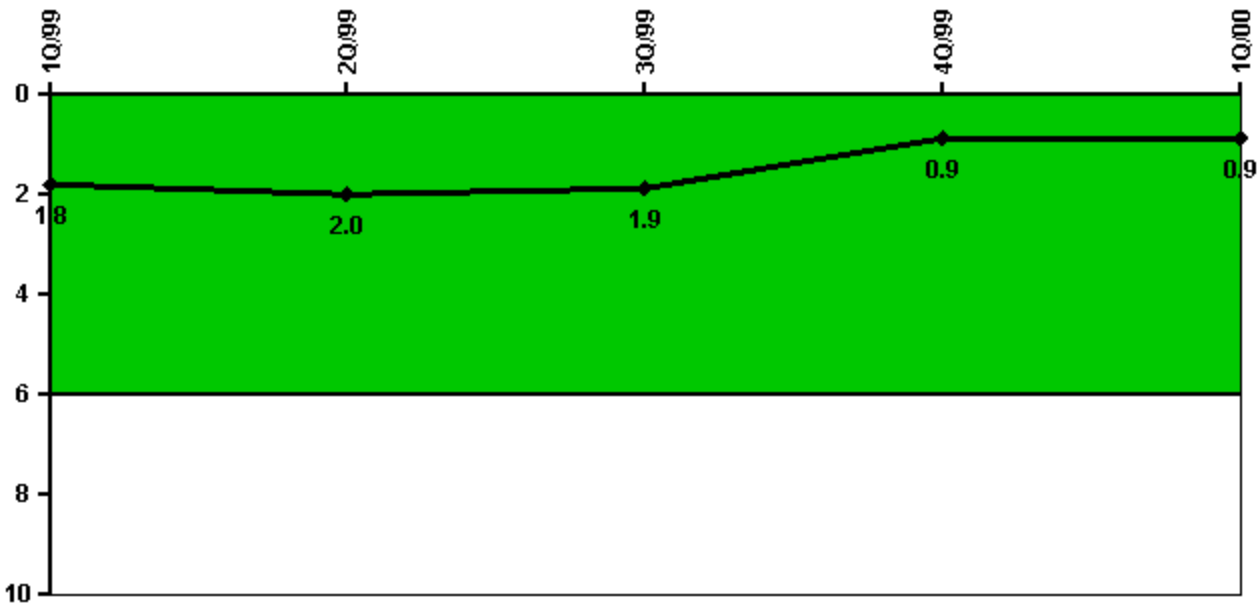
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value				0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	1.0	0	0	0
Critical hours	2044.7	1204.2	2208.0	2209.0	2149.6
Indicator value	1.8	2.0	1.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



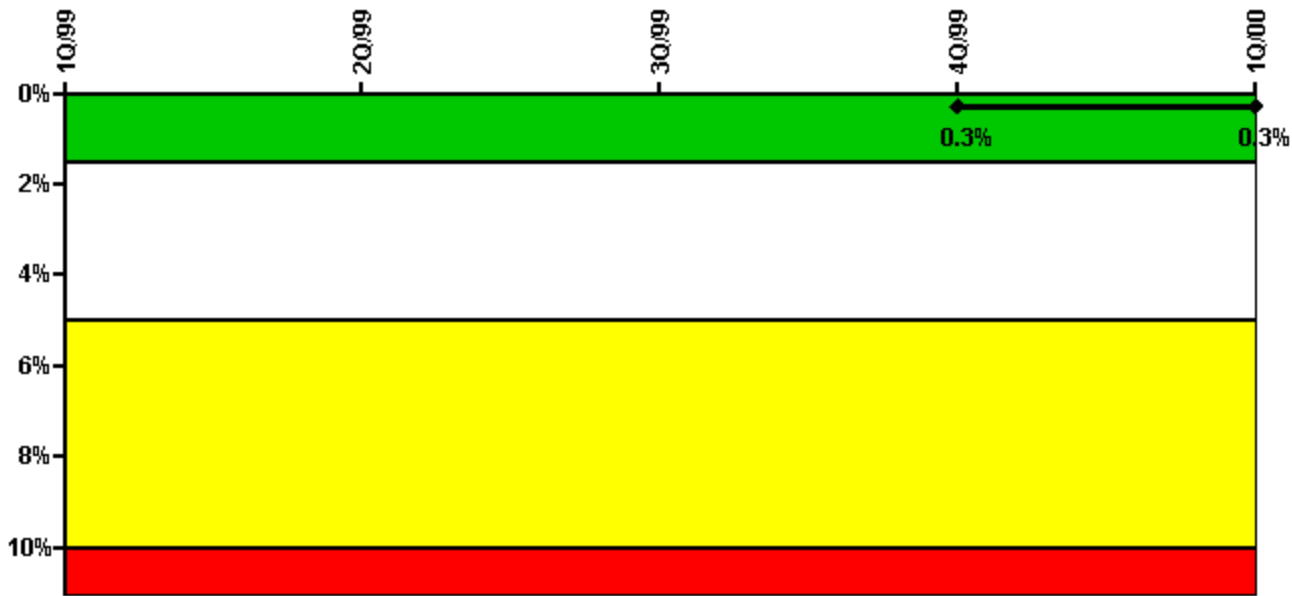
Thresholds: **White** > 2.5% **Yellow** > 5.0% **Red** > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	6.92	1.80	30.76	33.86	6.55
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	13.70	14.98	34.82	12.65	7.45
Unplanned unavailable hours	0	0	0	22.03	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2184.00
Indicator value				0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	3.13	1.65	12.95
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	3.33	6.25	14.80	0	14.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0.68	0	11.83	16.48	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Train 4					
Planned unavailable hours	0	5.10	0.30	16.02	12.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Indicator value				0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



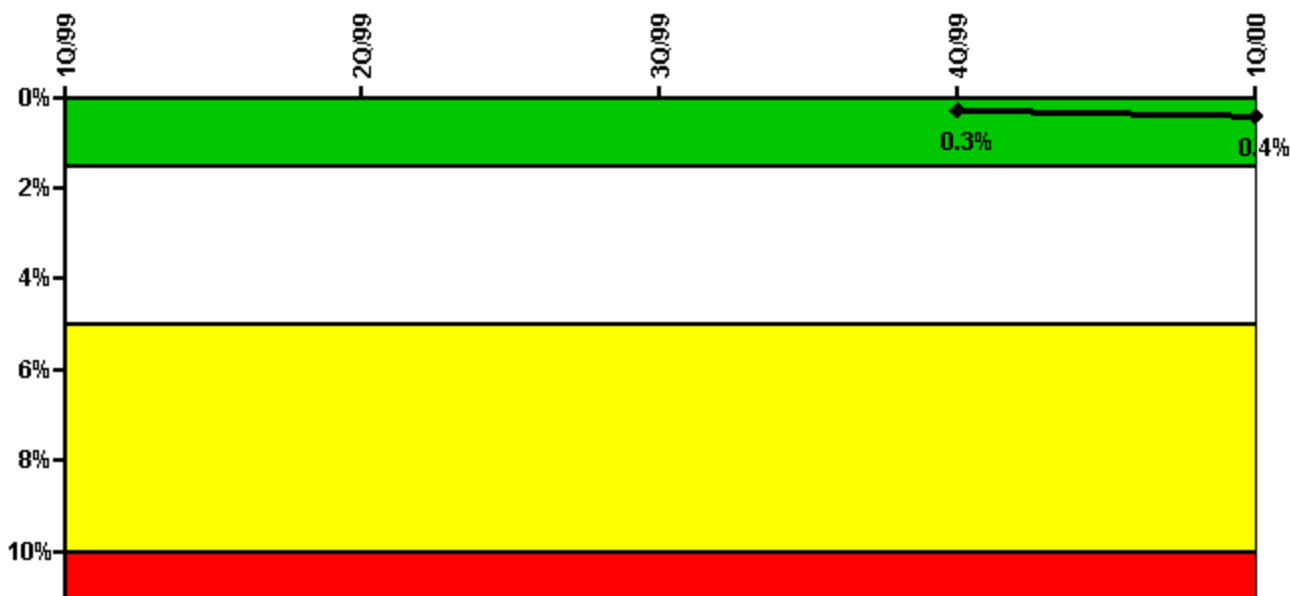
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	7.52	0	0	0	0.33
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	1.17	28.60	0	0.53	1.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	1297.95	2208.00	2209.00	2184.00
Indicator value				0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

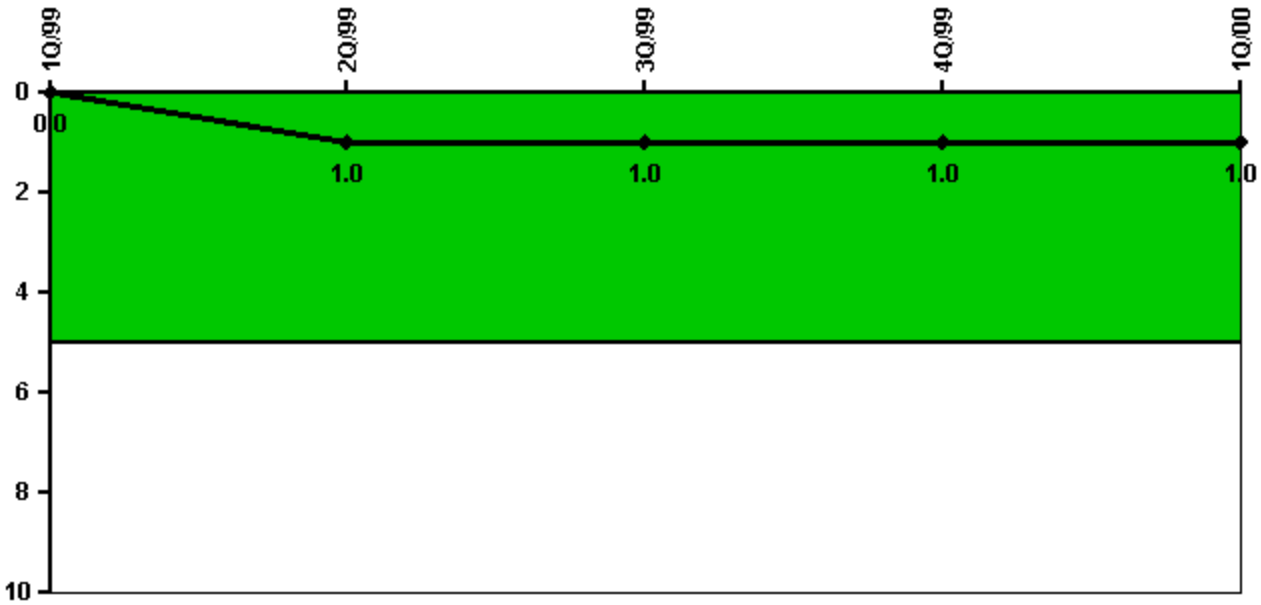
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	13.25	0	0	14.30	10.17
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1797.18	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	49.37	0	13.98	7.82	11.61
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1797.18	2208.00	2209.00	2184.00
Indicator value				0.3%	0.4%

Licensee Comments:

1Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



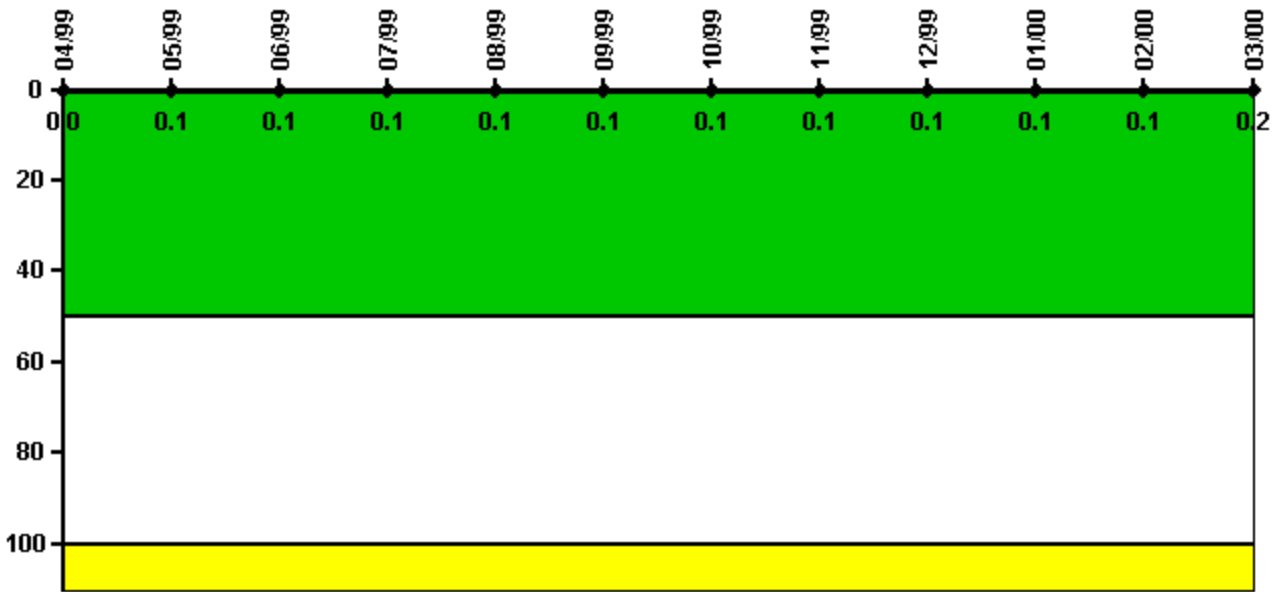
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	0	1	0	0	0
Indicator value	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



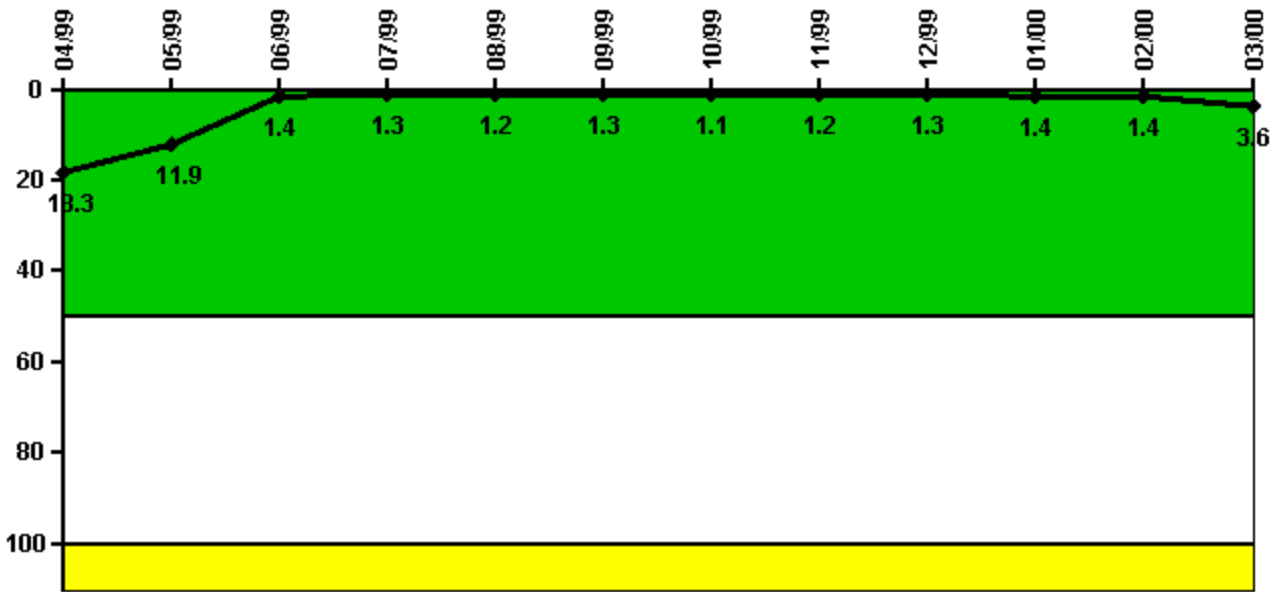
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0	0.000500	0.000500	0.000600	0.000600	0.000600	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



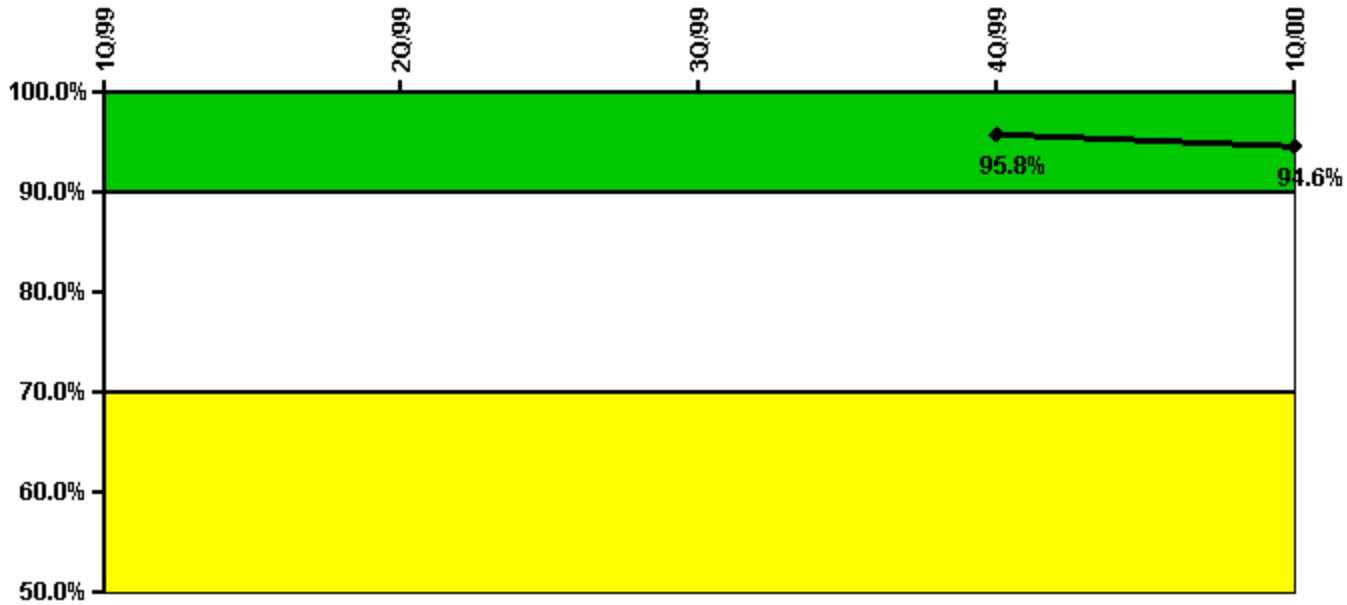
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	1.830	1.190	0.143	0.130	0.120	0.130	0.110	0.120	0.130	0.140	0.140	0.360
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	18.3	11.9	1.4	1.3	1.2	1.3	1.1	1.2	1.3	1.4	1.4	3.6

Licensee Comments: none

Drill/Exercise Performance



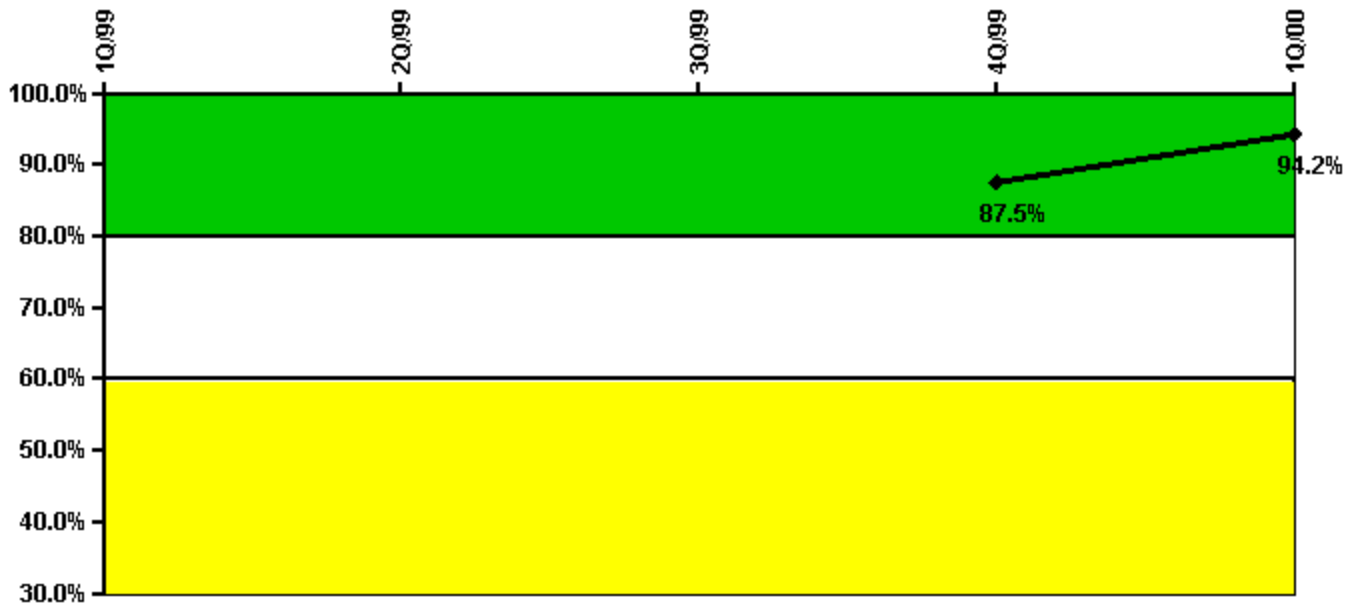
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	5.0	0	2.0	44.0	20.0
Total opportunities	7.0	0	2.0	45.0	22.0
Indicator value				95.8%	94.6%

Licensee Comments: none

ERO Drill Participation



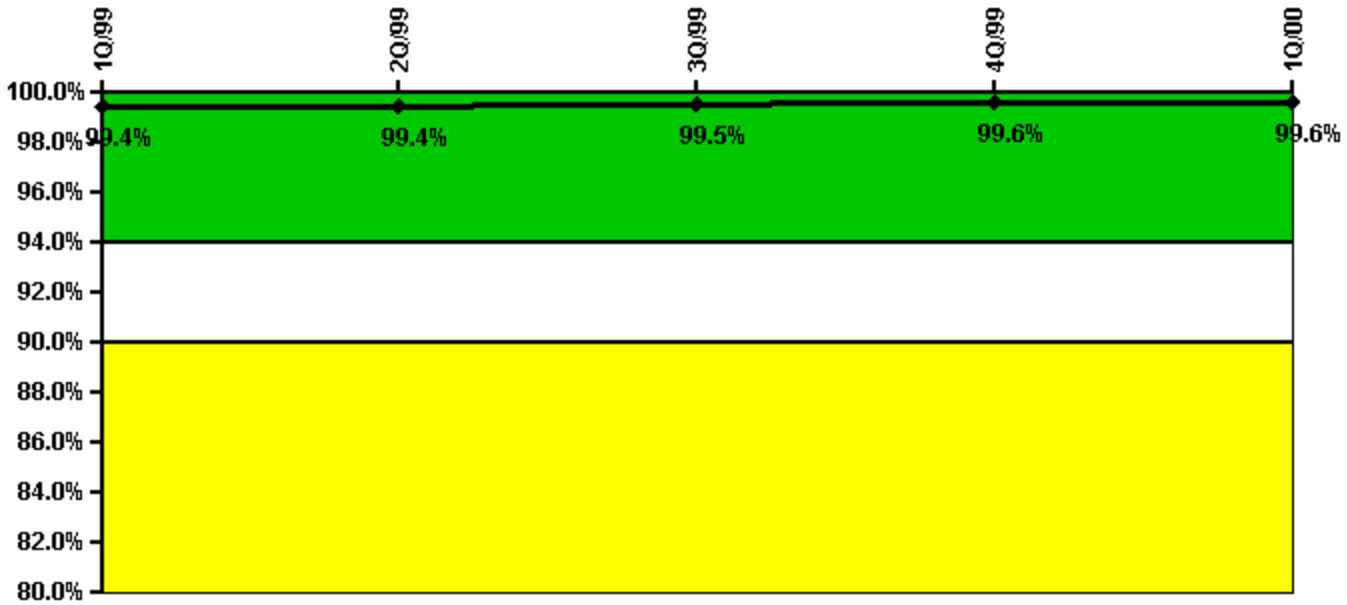
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				91.0	81.0
Total Key personnel				104.0	86.0
Indicator value				87.5%	94.2%

Licensee Comments: none

Alert & Notification System



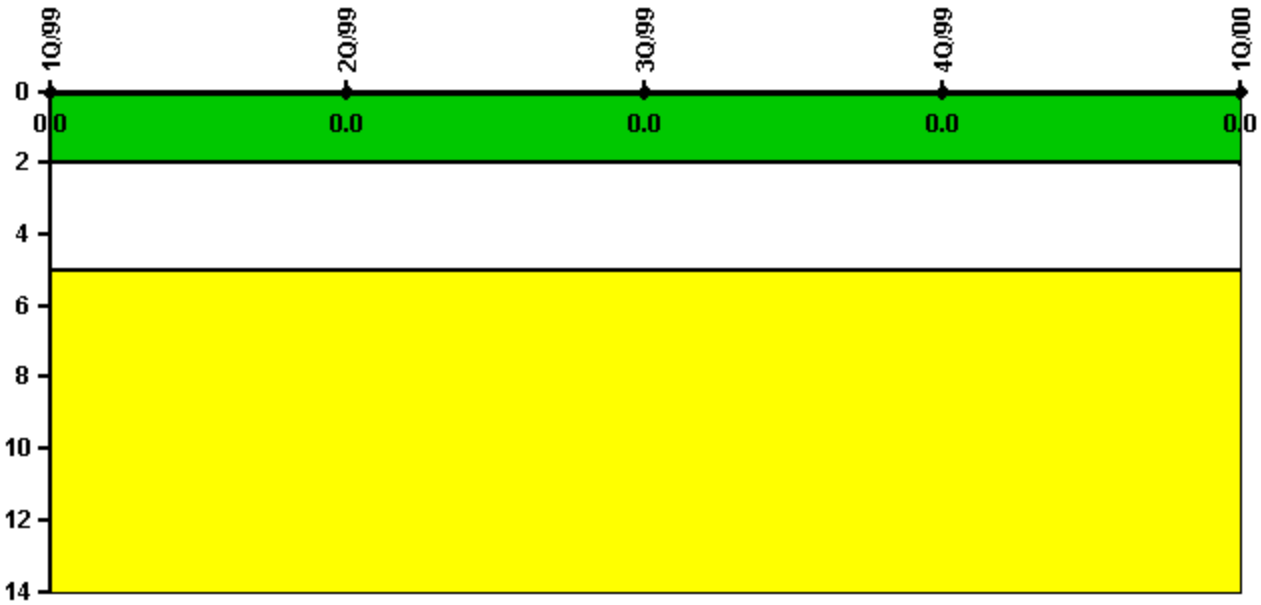
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	725	846	716	847	725
Total sirens-tests	726	847	726	847	726
Indicator value	99.4%	99.4%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



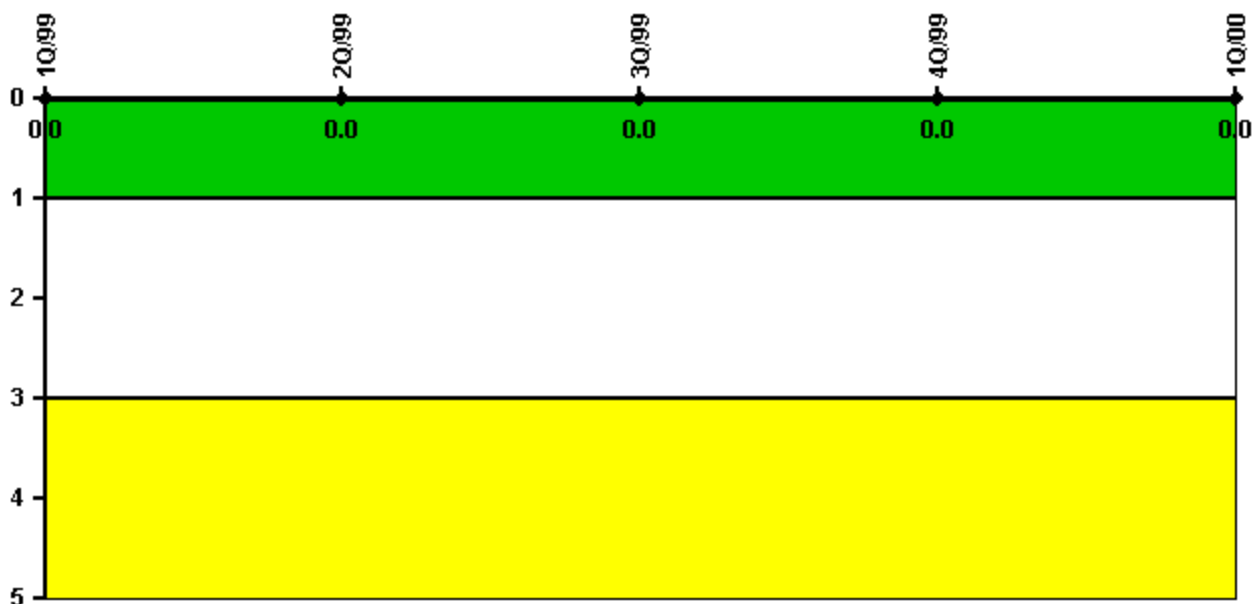
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



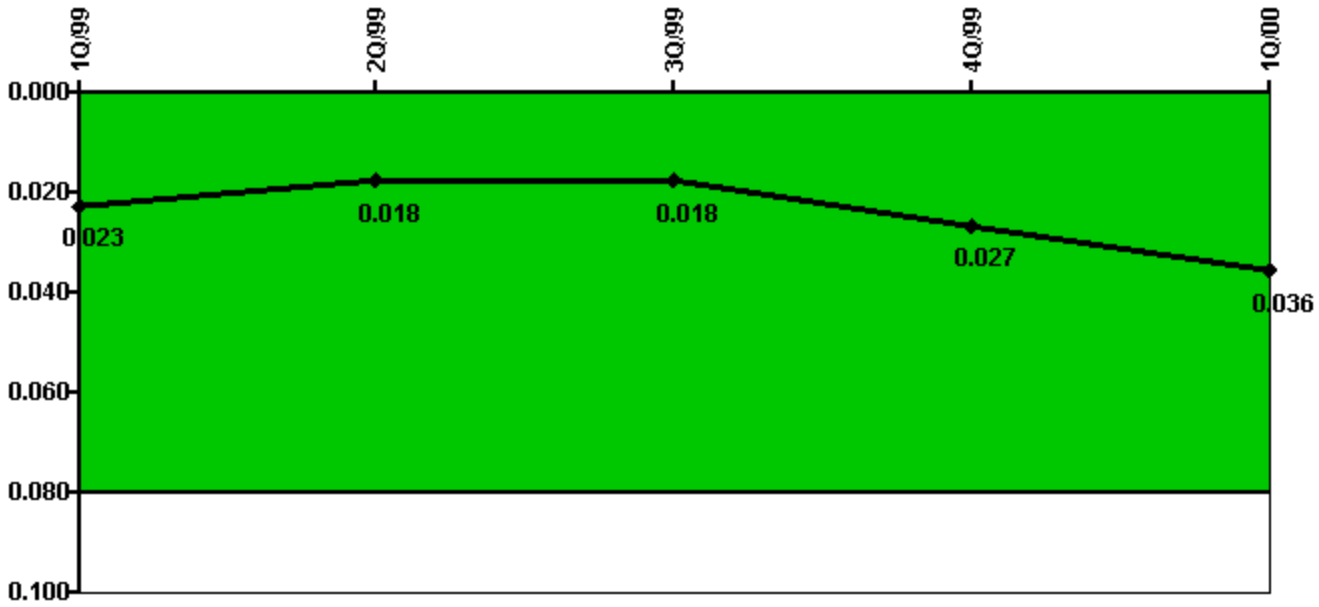
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



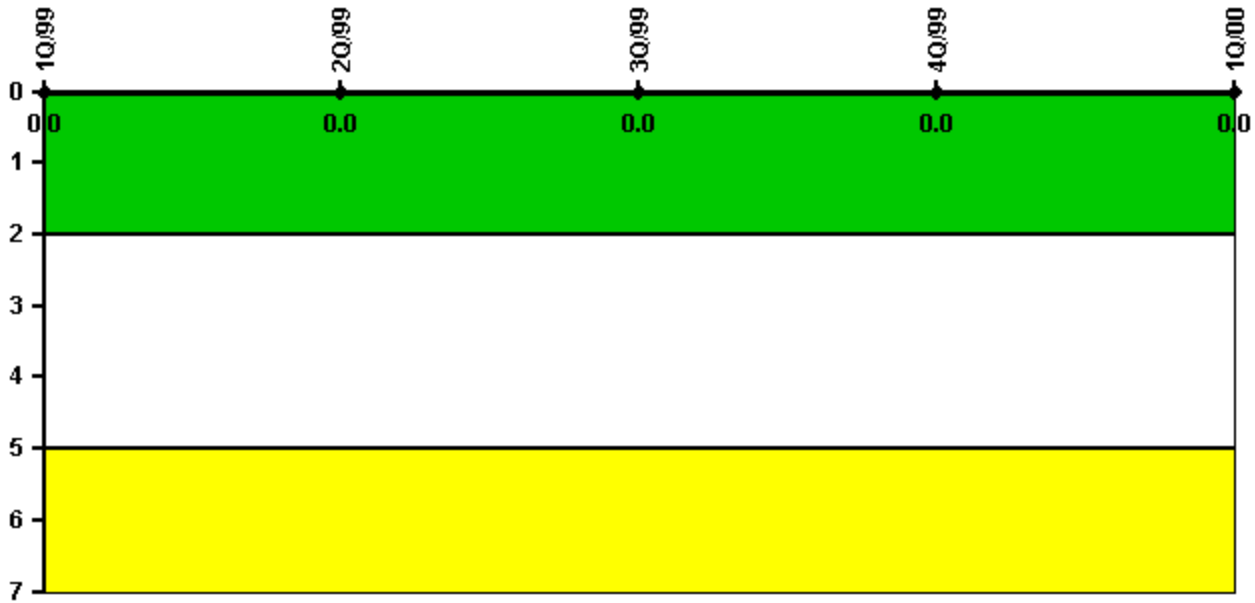
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	137.75	92.00	155.50	230.75	312.30
CCTV compensatory hours	0	0.3	0	0	16.4
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.023	0.018	0.018	0.027	0.036

Licensee Comments: none

Personnel Screening Program



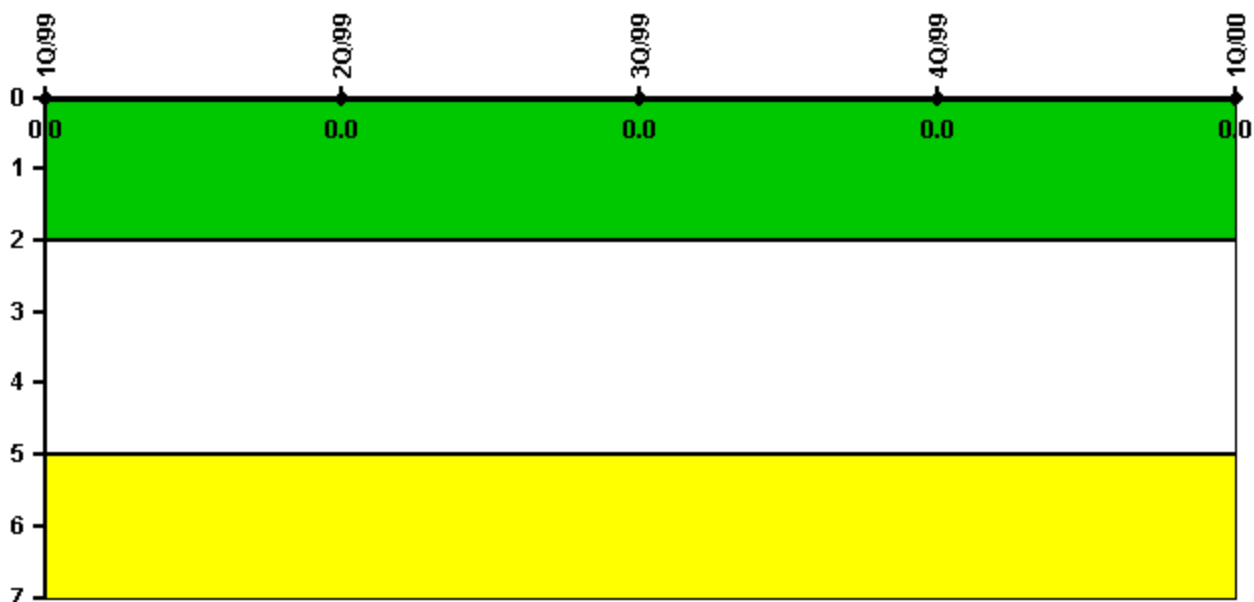
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

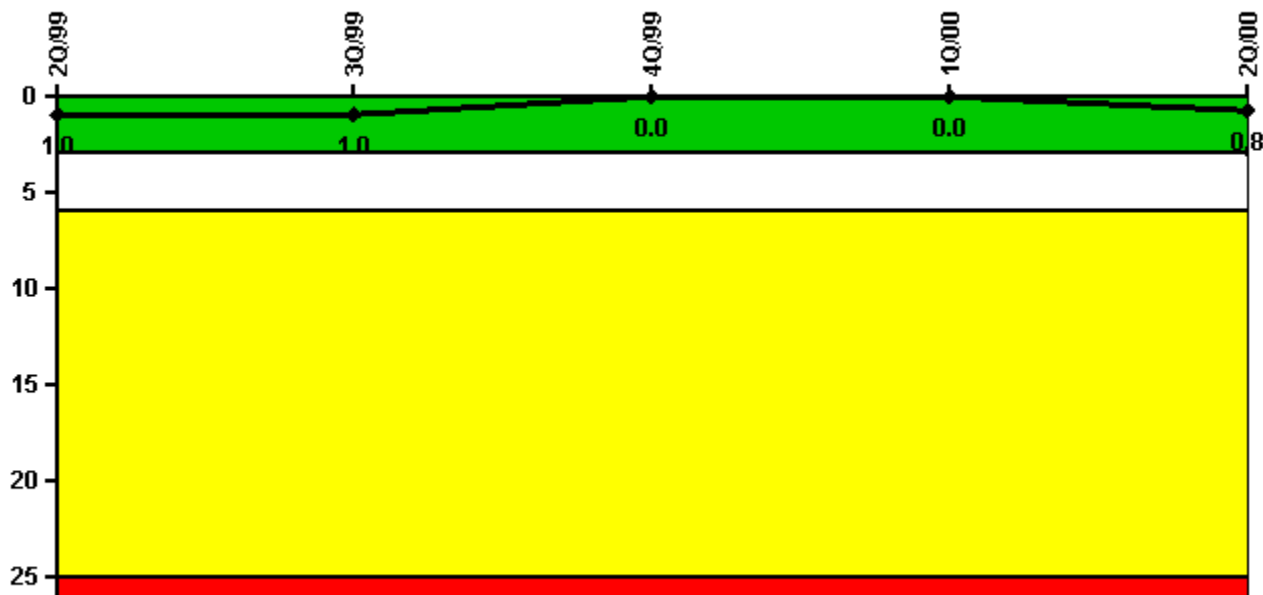
Last Modified: April 1, 2002

Seabrook 1

2Q/2000 Performance Indicators

Licensee's General Comments: Change to data to reflect daylight savings time (less 1 hour per train for April 2000 "Hours required for service")

Unplanned Scrams per 7000 Critical Hrs



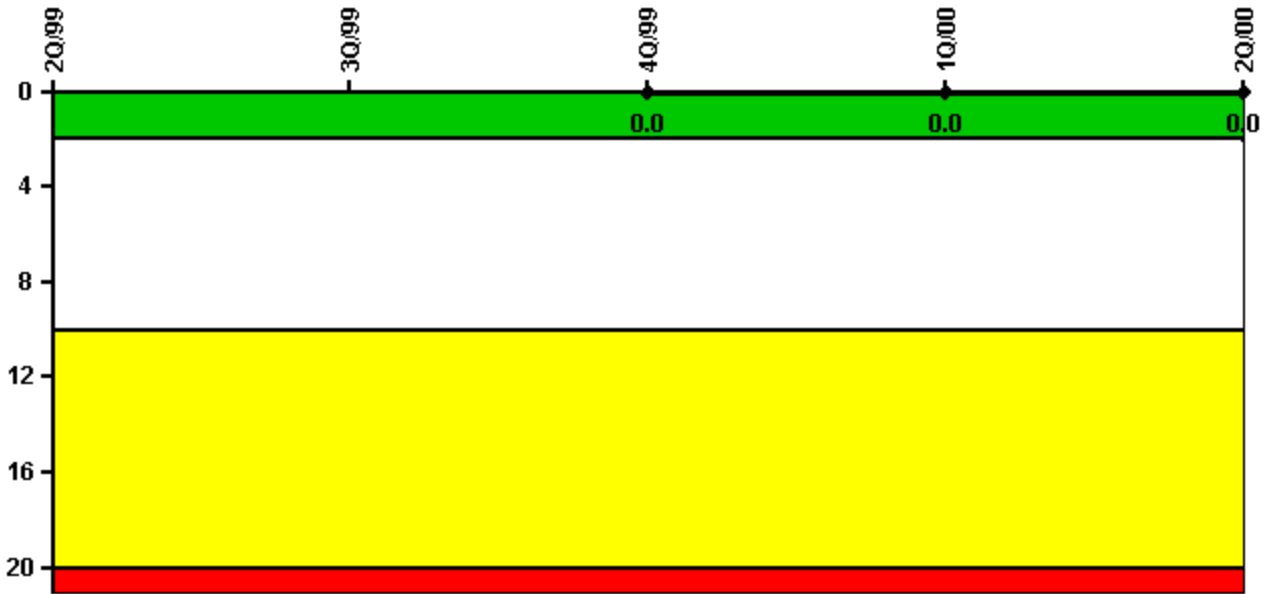
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	1204.2	2208.0	2209.0	2149.6	2124.2
Indicator value	1.0	1.0	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



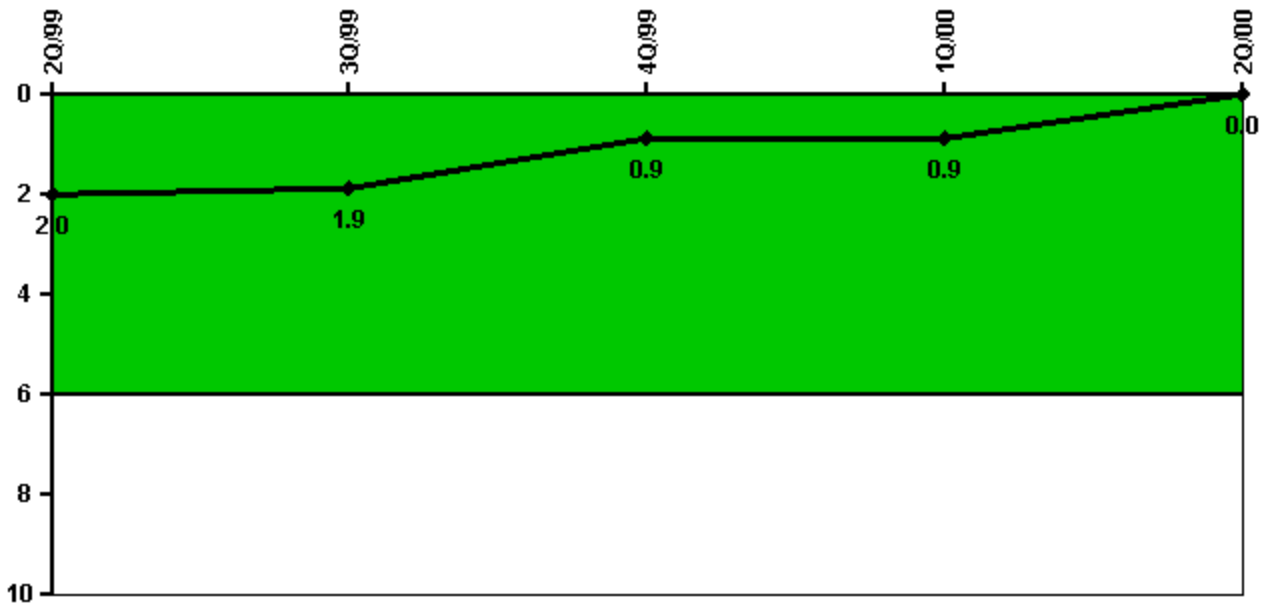
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value			0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



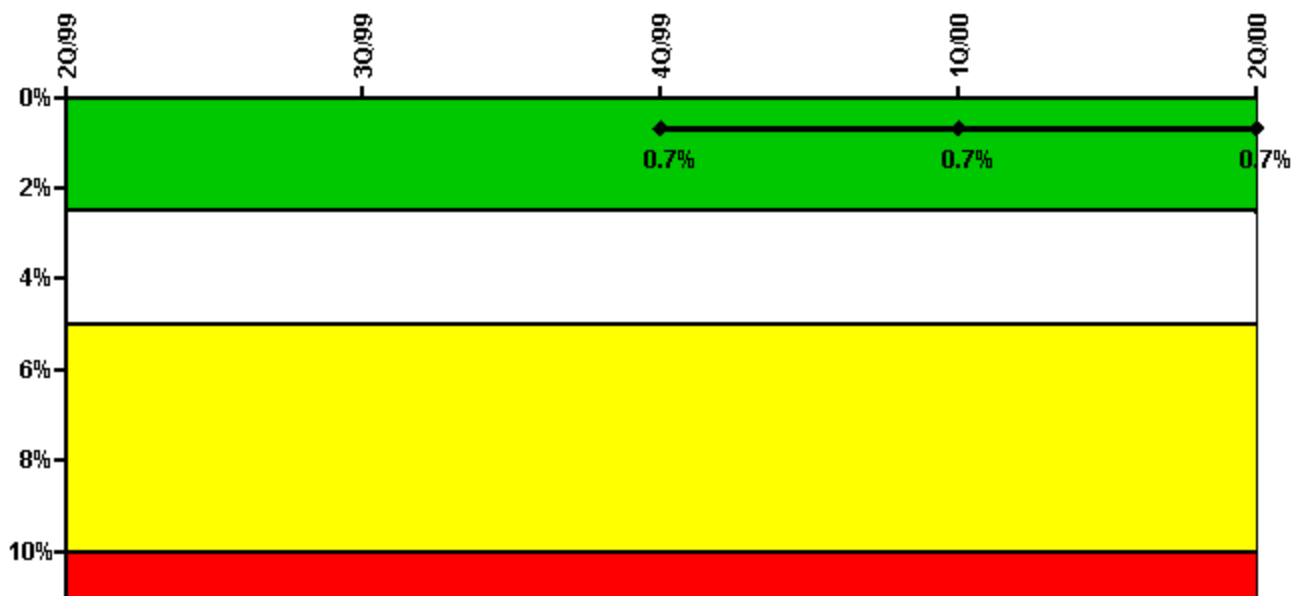
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	1.0	0	0	0	0
Critical hours	1204.2	2208.0	2209.0	2149.6	2124.2
Indicator value	2.0	1.9	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



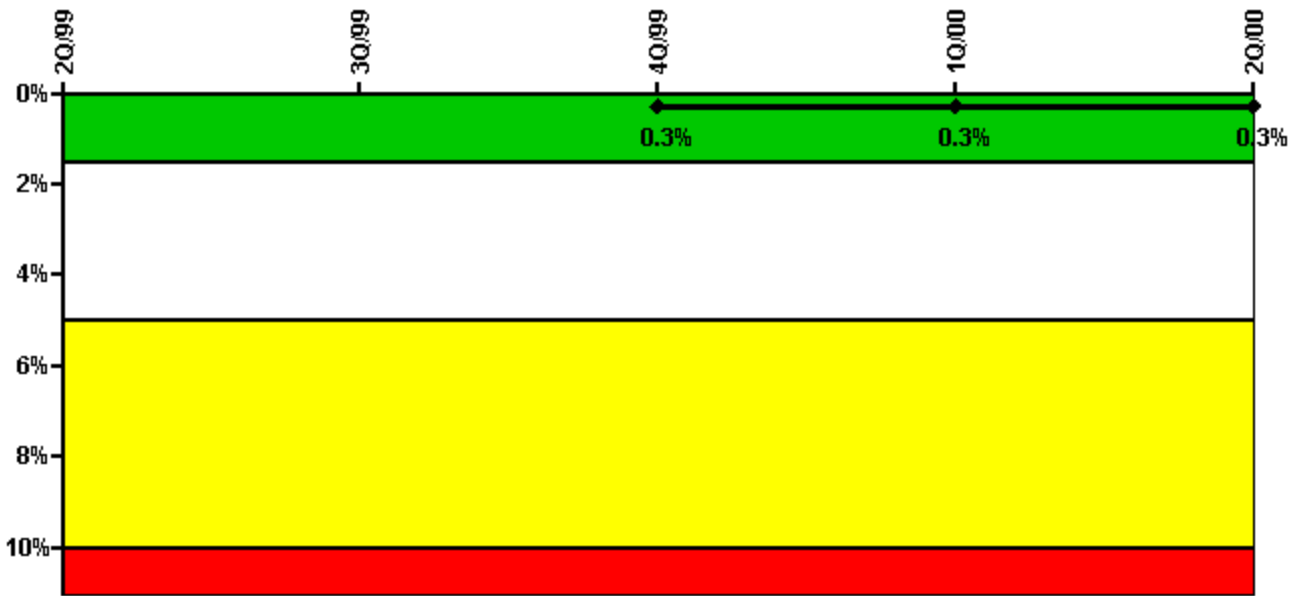
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	1.80	30.76	33.86	6.55	17.88
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	14.98	34.82	12.65	7.45	28.48
Unplanned unavailable hours	0	0	22.03	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2184.00	2183.00
Indicator value			0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

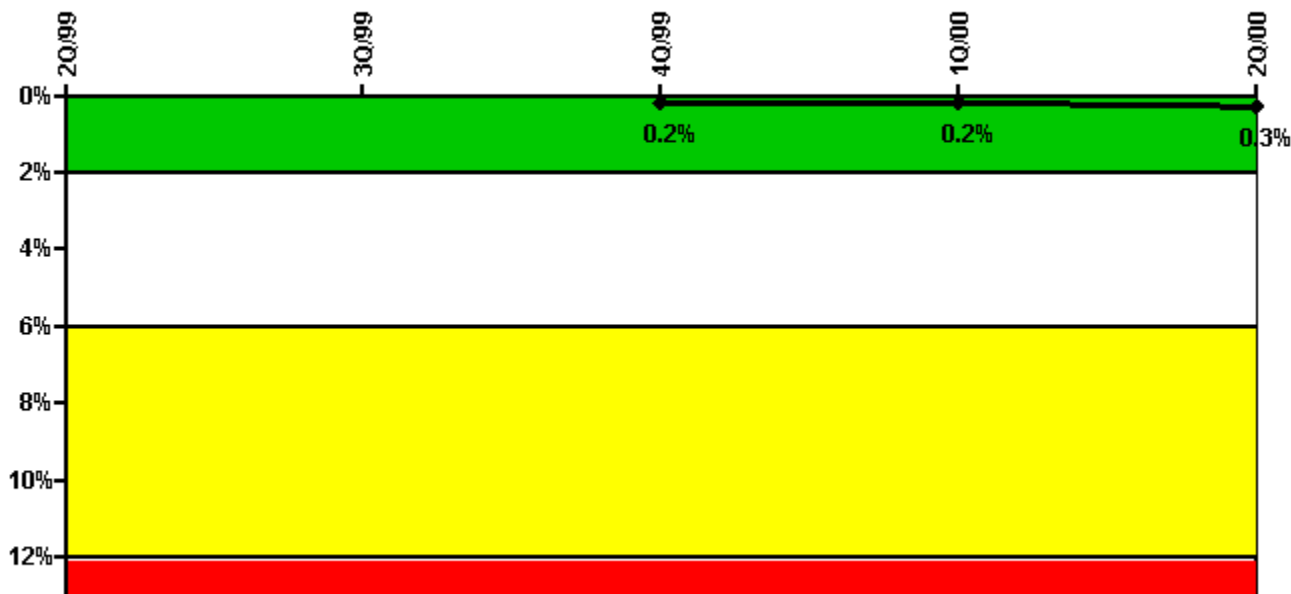
Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	3.13	1.65	12.95	0.58
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	6.25	14.80	0	14.60	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	0	11.83	16.48	0	5.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Train 4					
Planned unavailable hours	5.10	0.30	16.02	12.00	1.95
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Indicator value			0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	0.33	17.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	28.60	0	0.53	1.10	13.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1297.95	2208.00	2209.00	2184.00	2183.00
Indicator value			0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

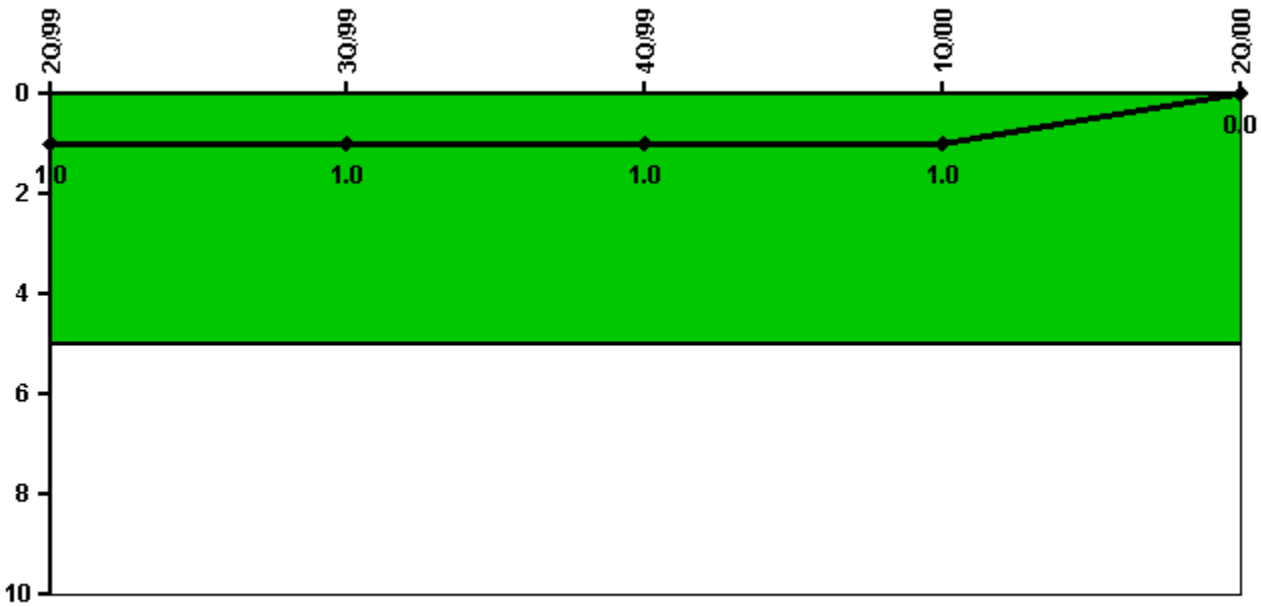
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	14.30	10.17	1.96
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1797.18	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	13.98	7.82	11.61	1.76
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1797.18	2208.00	2209.00	2184.00	2183.00
Indicator value			0.3%	0.4%	0.3%

Licensee Comments:

- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 1Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



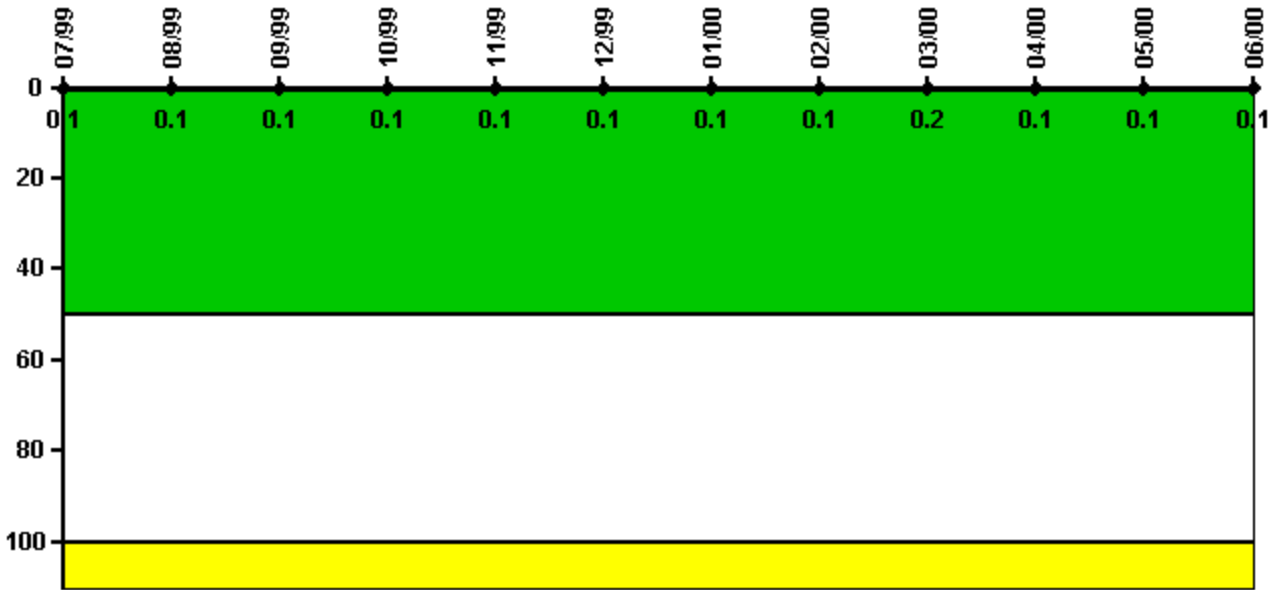
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	1	0	0	0	0
Indicator value	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



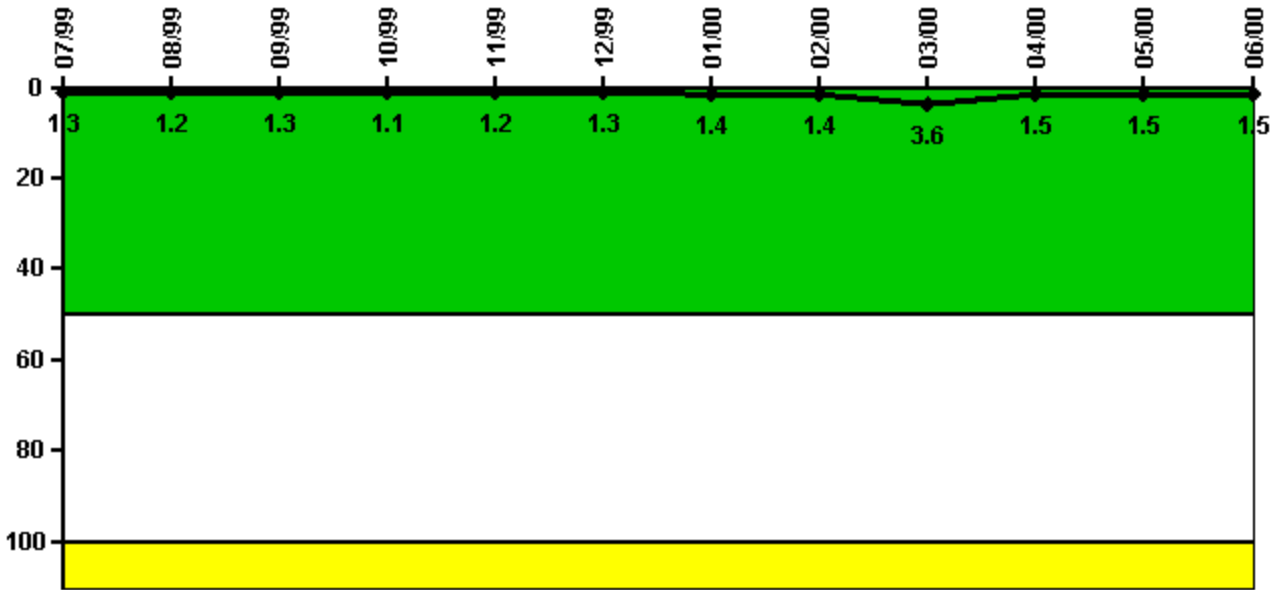
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000600	0.000600	0.000600	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



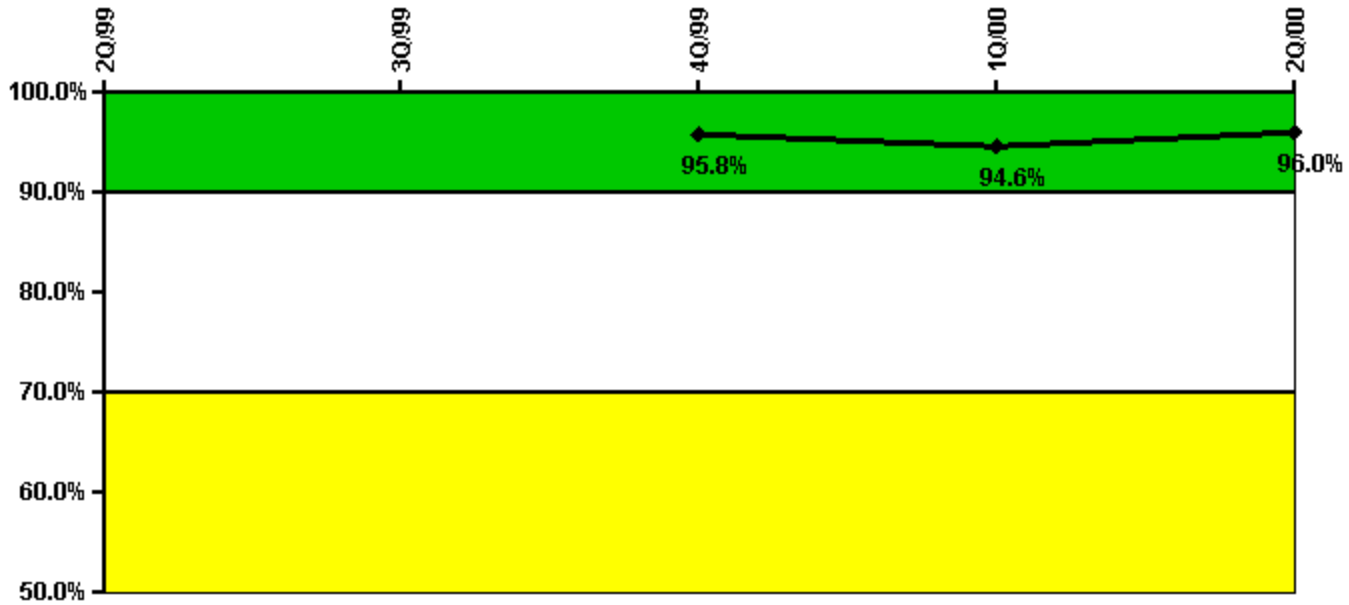
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.130	0.120	0.130	0.110	0.120	0.130	0.140	0.140	0.360	0.150	0.150	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.2	1.3	1.1	1.2	1.3	1.4	1.4	3.6	1.5	1.5	1.5

Licensee Comments: none

Drill/Exercise Performance



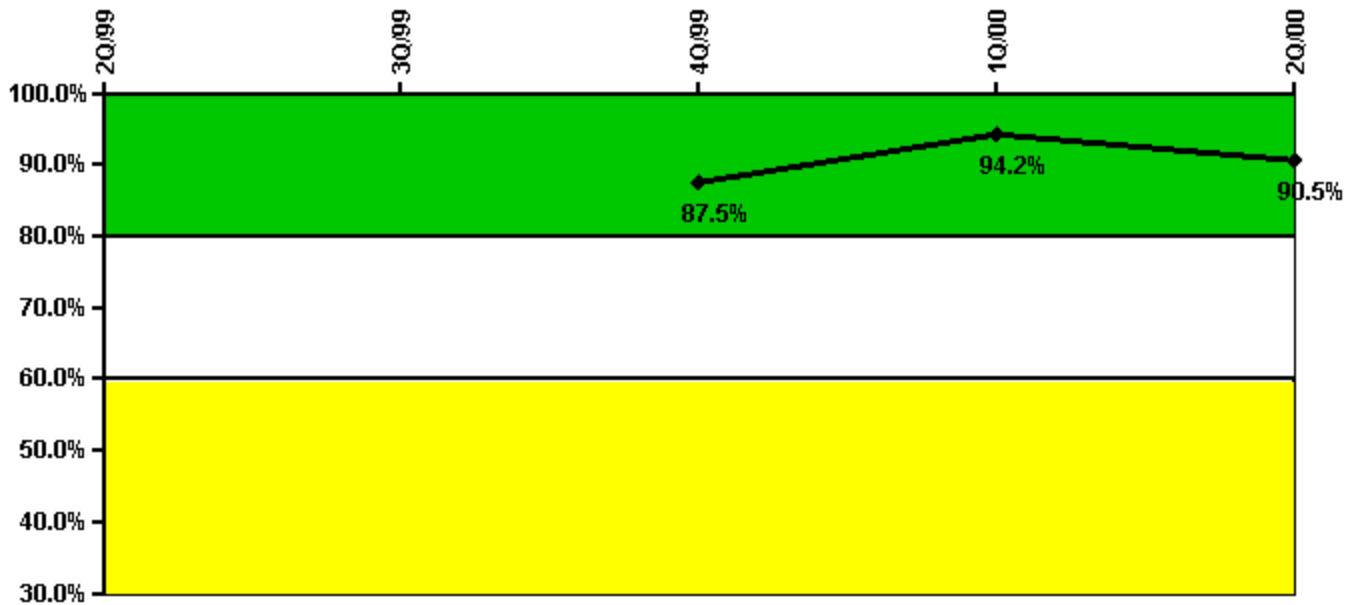
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	0	2.0	44.0	20.0	48.0
Total opportunities	0	2.0	45.0	22.0	48.0
Indicator value			95.8%	94.6%	96.0%

Licensee Comments: none

ERO Drill Participation



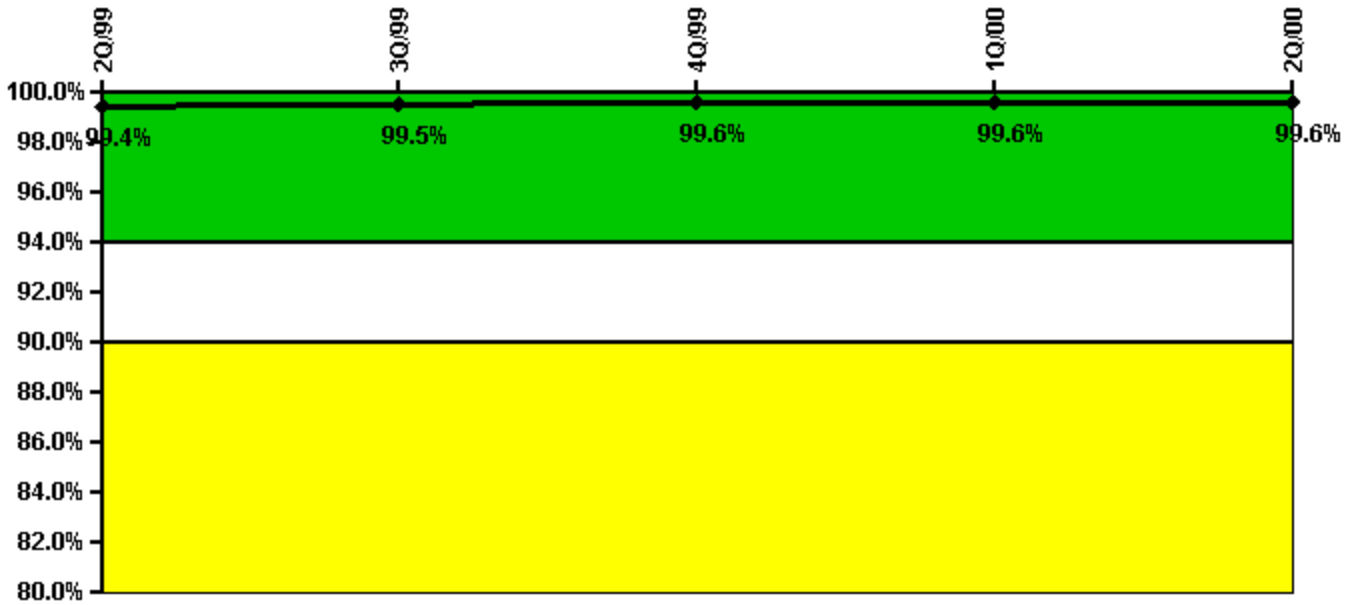
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			91.0	81.0	86.0
Total Key personnel			104.0	86.0	95.0
Indicator value			87.5%	94.2%	90.5%

Licensee Comments: none

Alert & Notification System



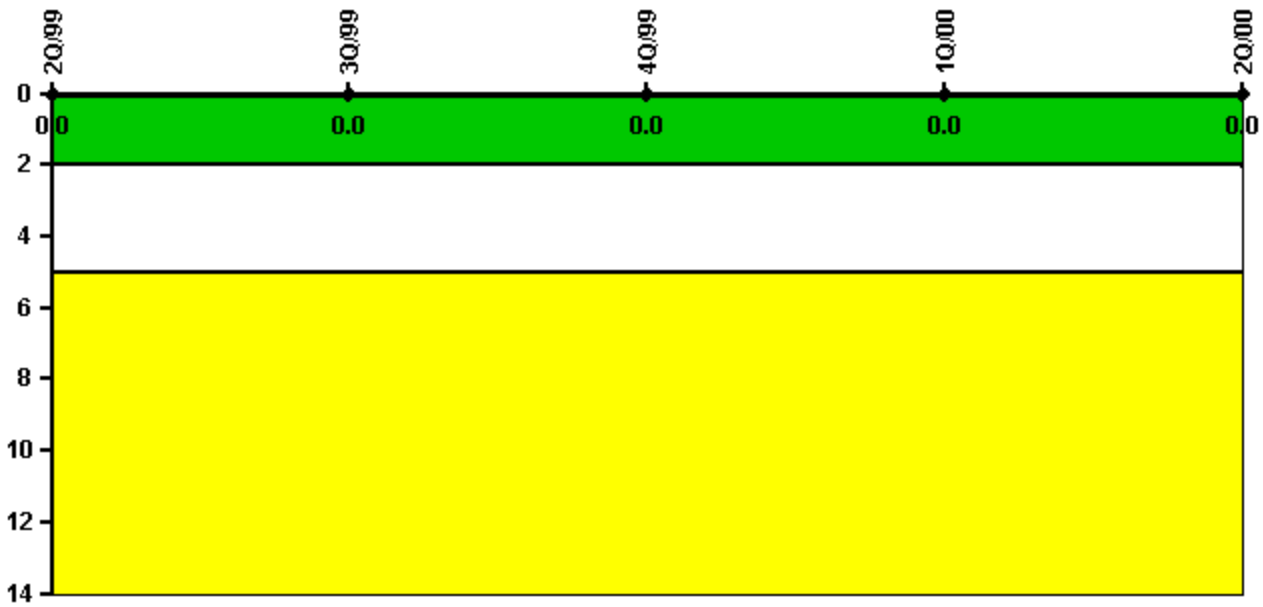
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	846	716	847	725	844
Total sirens-tests	847	726	847	726	847
Indicator value	99.4%	99.5%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



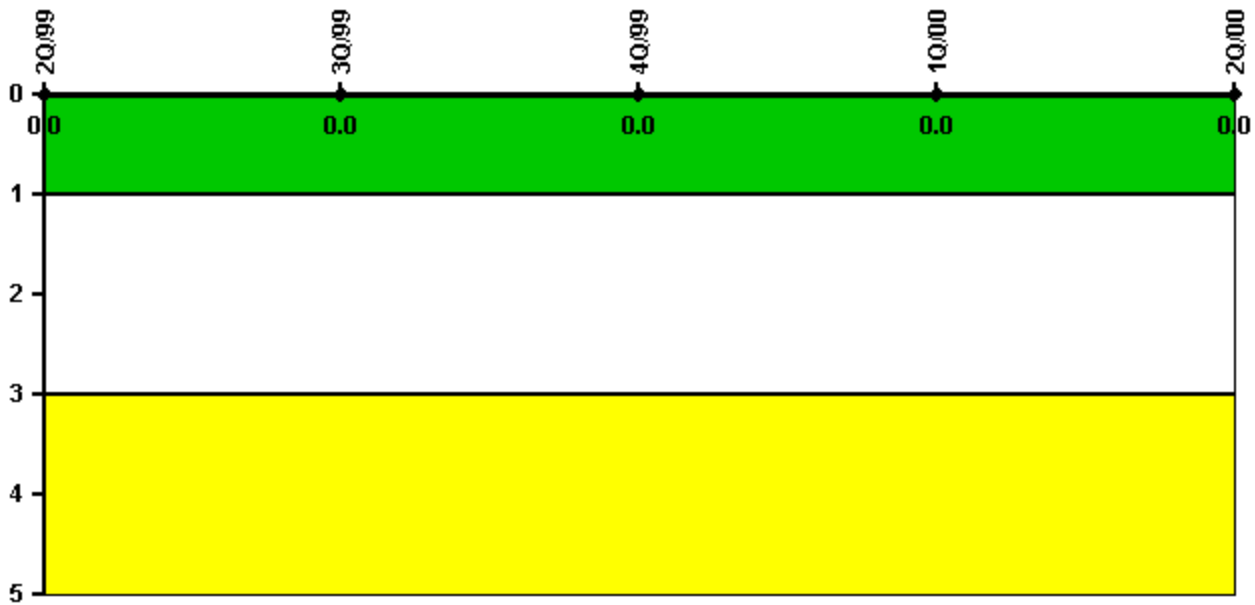
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



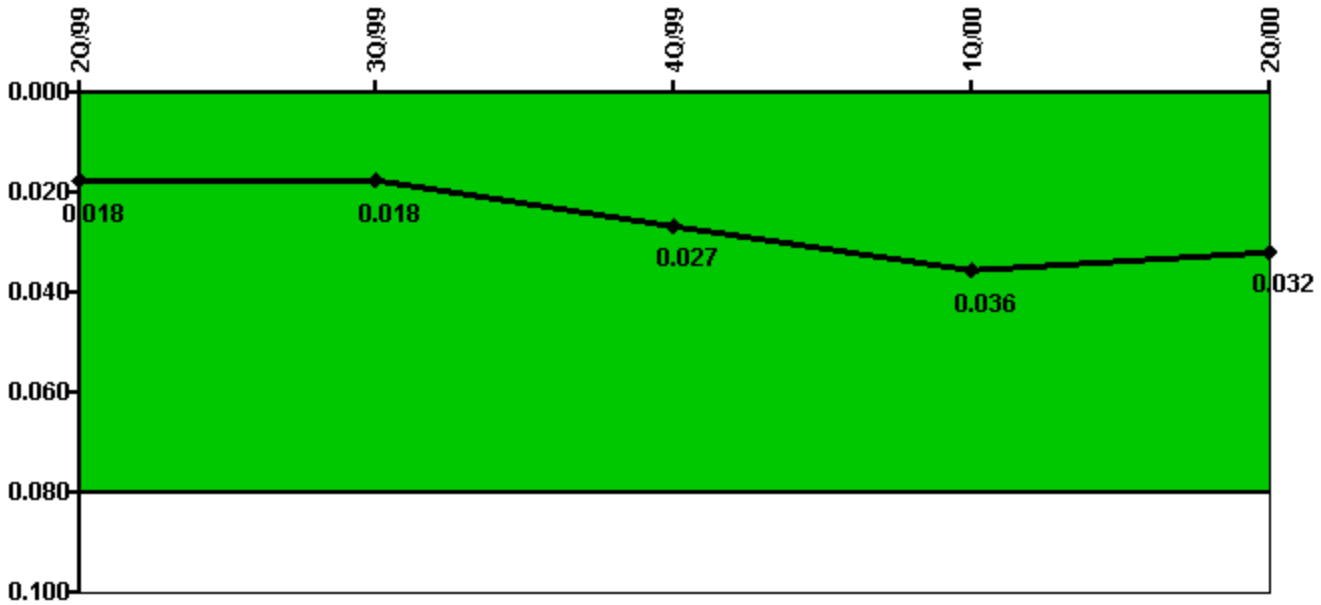
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



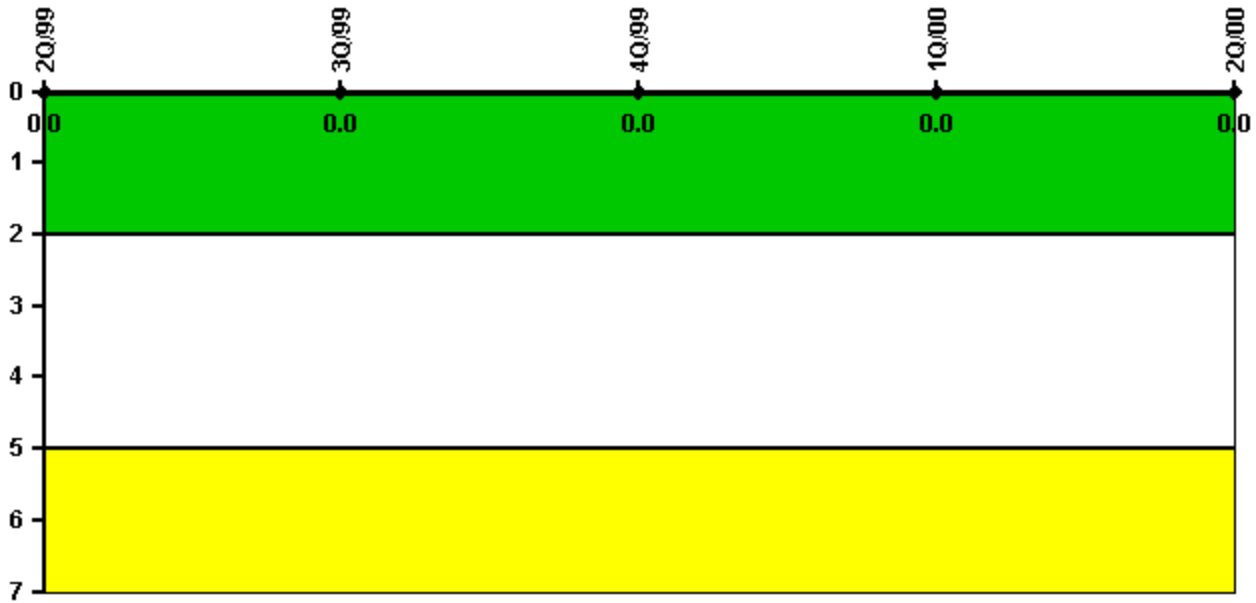
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	92.00	155.50	230.75	312.30	8.00
CCTV compensatory hours	0.3	0	0	16.4	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.018	0.027	0.036	0.032

Licensee Comments: none

Personnel Screening Program



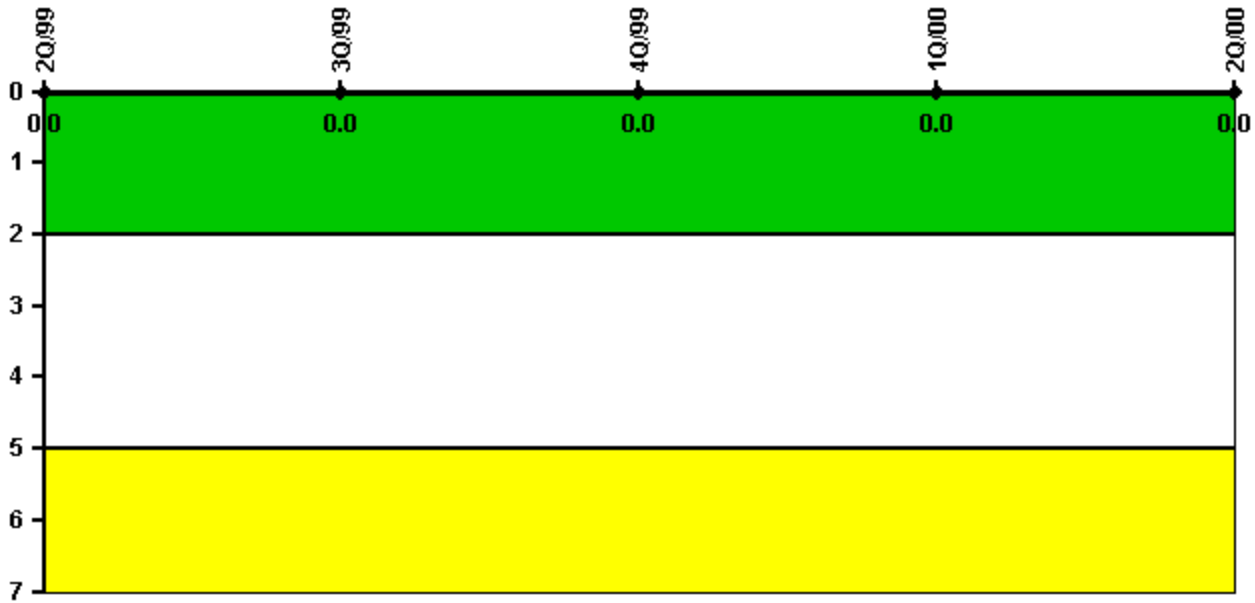
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

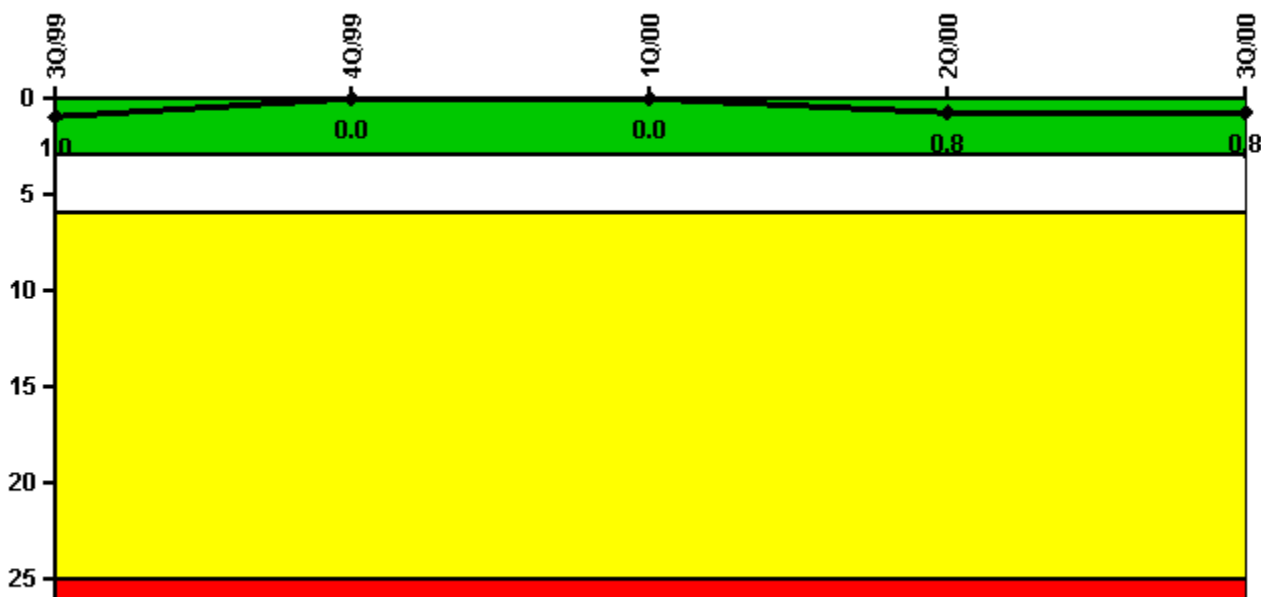
Last Modified: April 1, 2002

Seabrook 1

3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



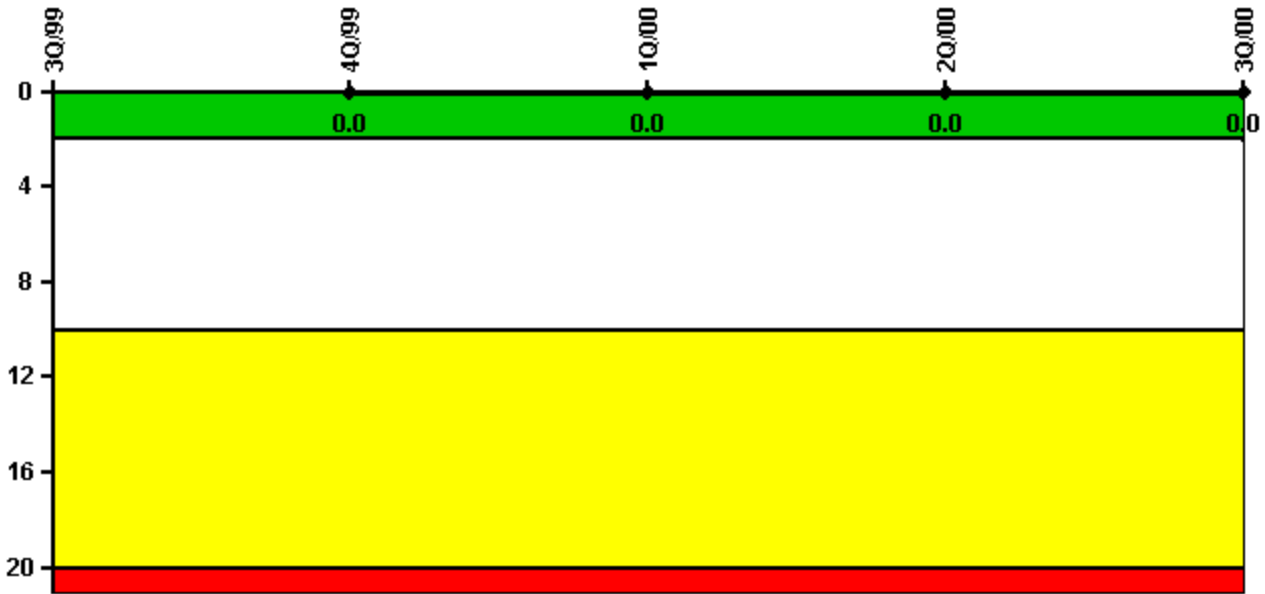
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2149.6	2124.2	2208.0
Indicator value	1.0	0	0	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



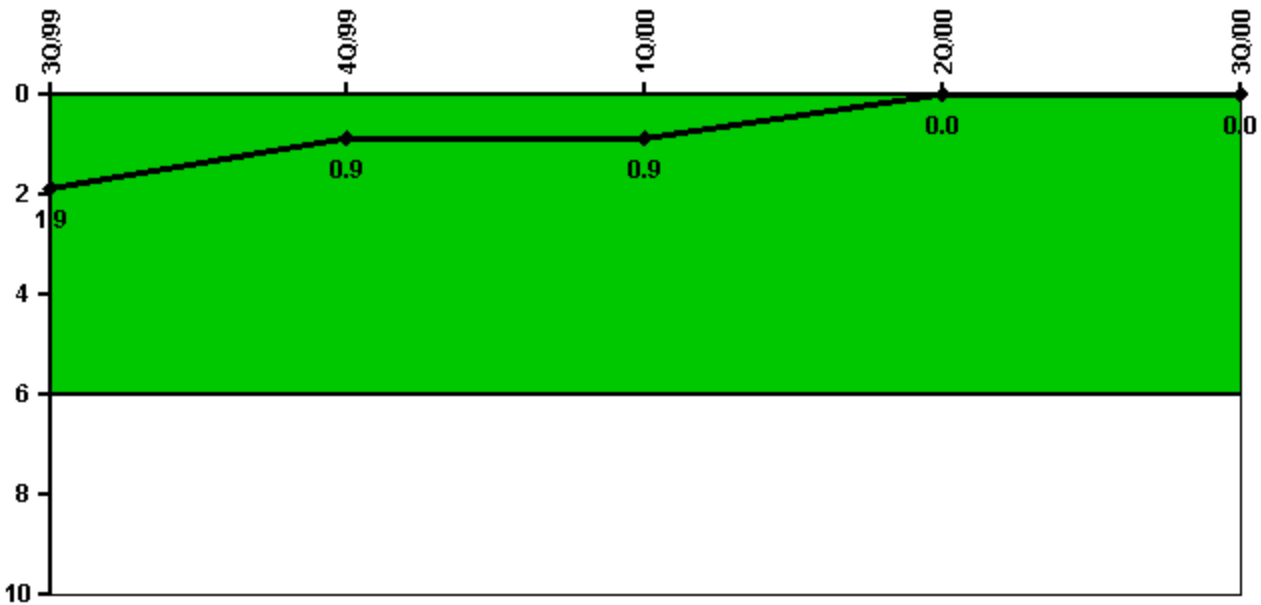
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value		0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2208.0	2209.0	2149.6	2124.2	2208.0
Indicator value	1.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



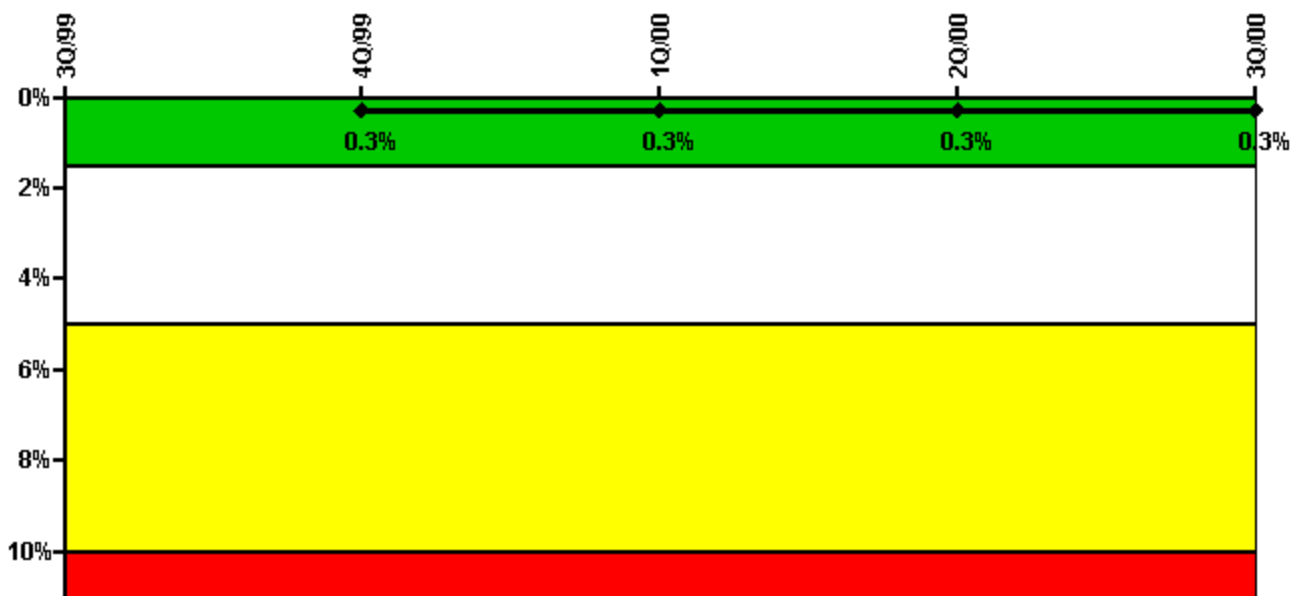
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	30.76	33.86	6.55	17.88	38.02
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	34.82	12.65	7.45	28.48	24.70
Unplanned unavailable hours	0	22.03	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		0.7%	0.7%	0.7%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

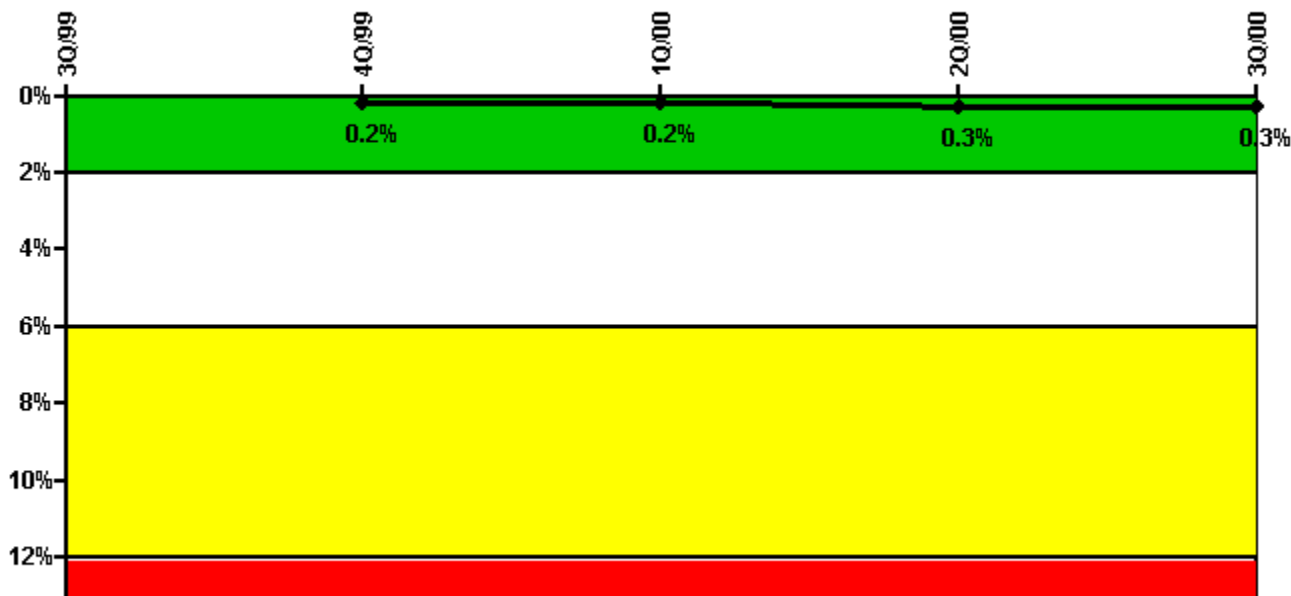
Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	3.13	1.65	12.95	0.58	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	14.80	0	14.60	0	2.20
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3					
Planned unavailable hours	11.83	16.48	0	5.70	8.98
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 4					
Planned unavailable hours	0.30	16.02	12.00	1.95	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		0.3%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



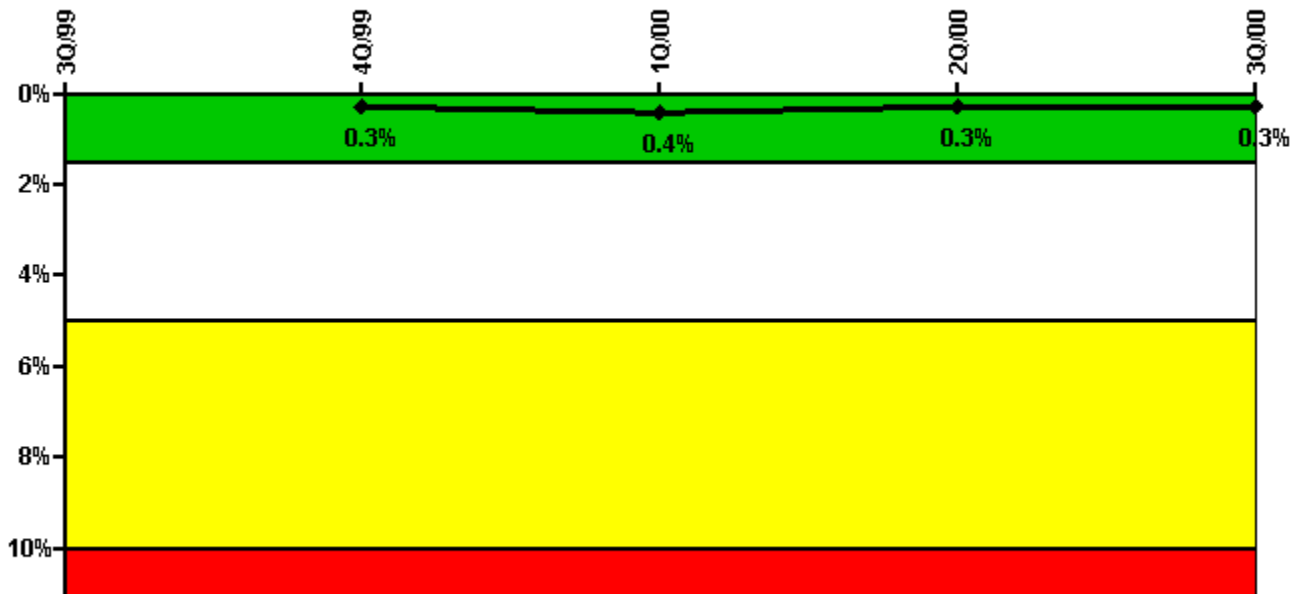
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	0.33	17.10	0.62
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	0.53	1.10	13.70	0.57
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		0.2%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

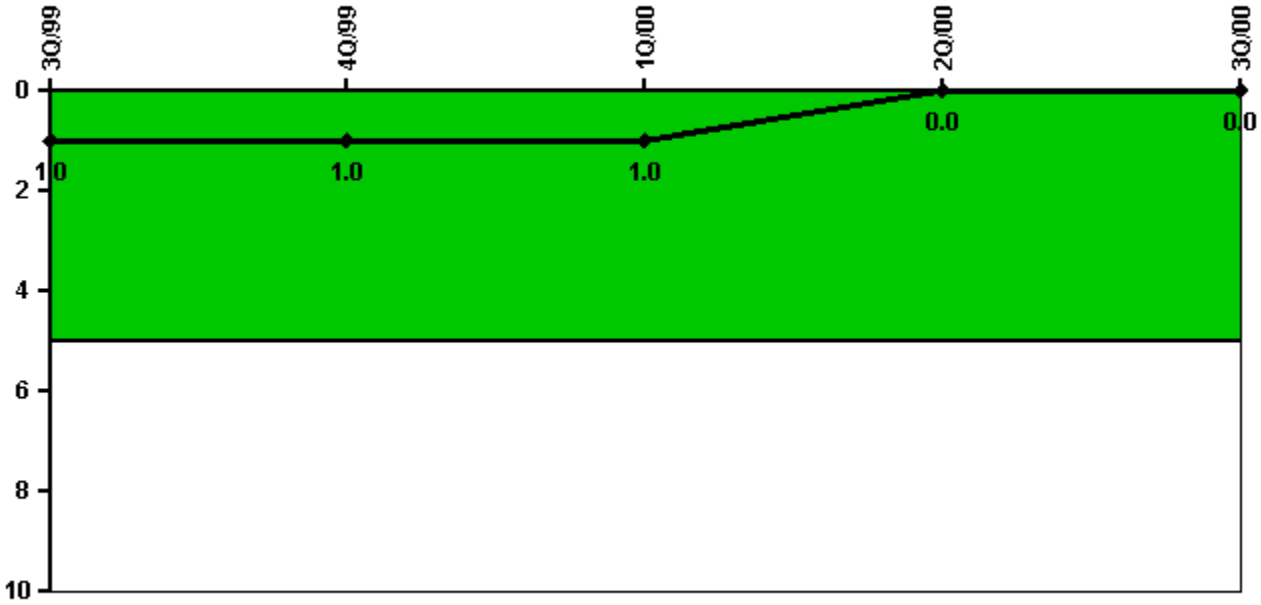
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	14.30	10.17	1.96	1.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	13.98	7.82	11.61	1.76	10.28
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		0.3%	0.4%	0.3%	0.3%

Licensee Comments:

- 3Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 1Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



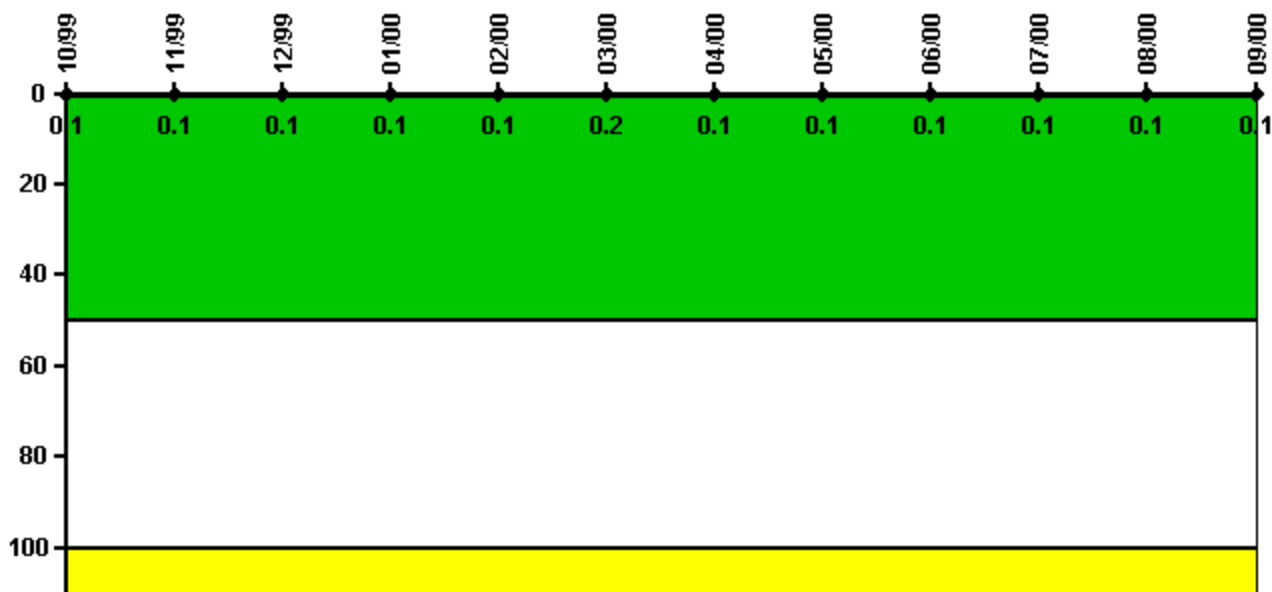
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



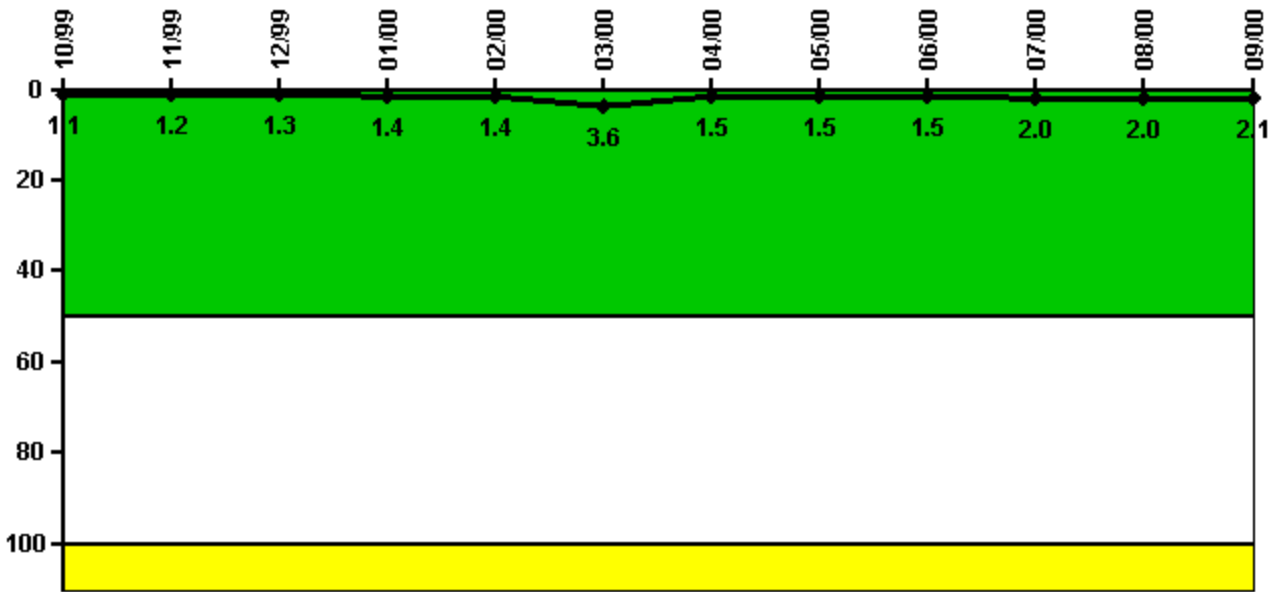
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



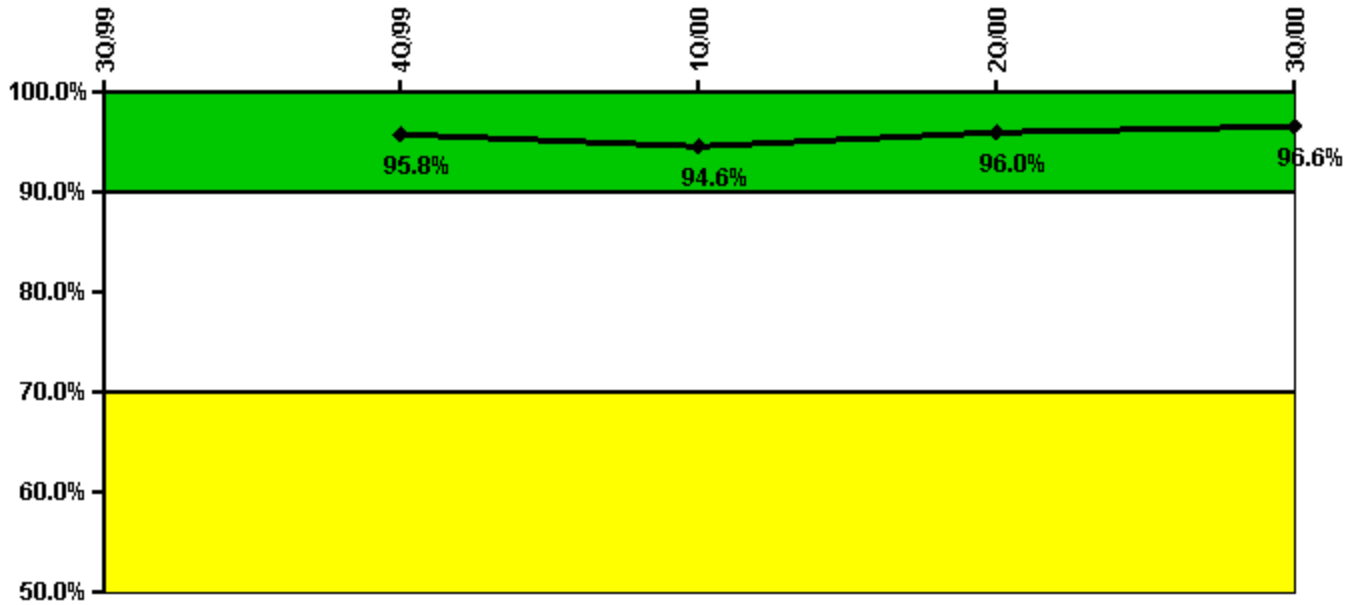
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.110	0.120	0.130	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.2	1.3	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1

Licensee Comments: none

Drill/Exercise Performance



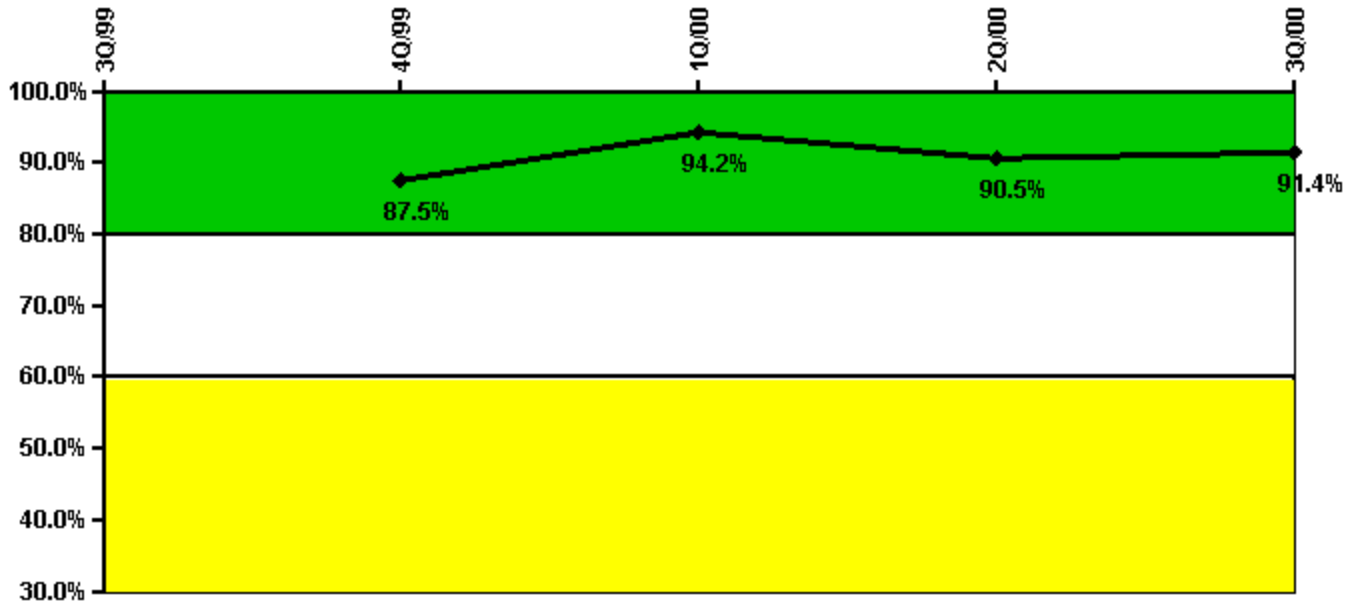
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	2.0	44.0	20.0	48.0	22.0
Total opportunities	2.0	45.0	22.0	48.0	22.0
Indicator value		95.8%	94.6%	96.0%	96.6%

Licensee Comments: none

ERO Drill Participation



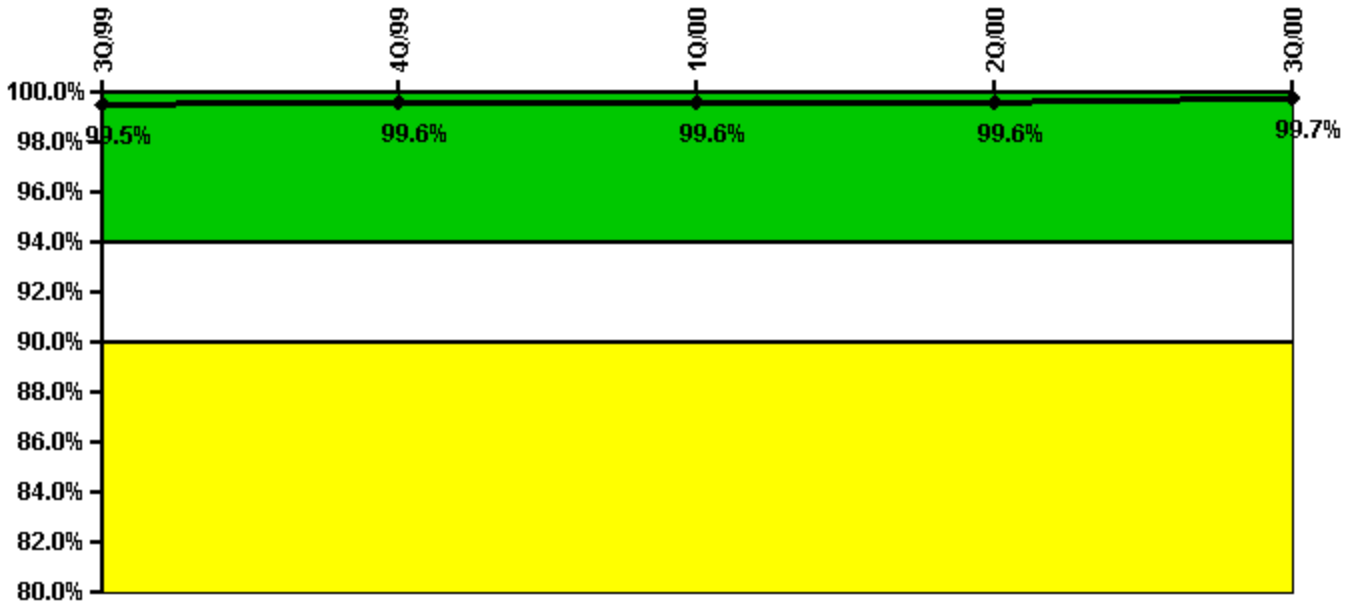
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		91.0	81.0	86.0	96.0
Total Key personnel		104.0	86.0	95.0	105.0
Indicator value		87.5%	94.2%	90.5%	91.4%

Licensee Comments: none

Alert & Notification System



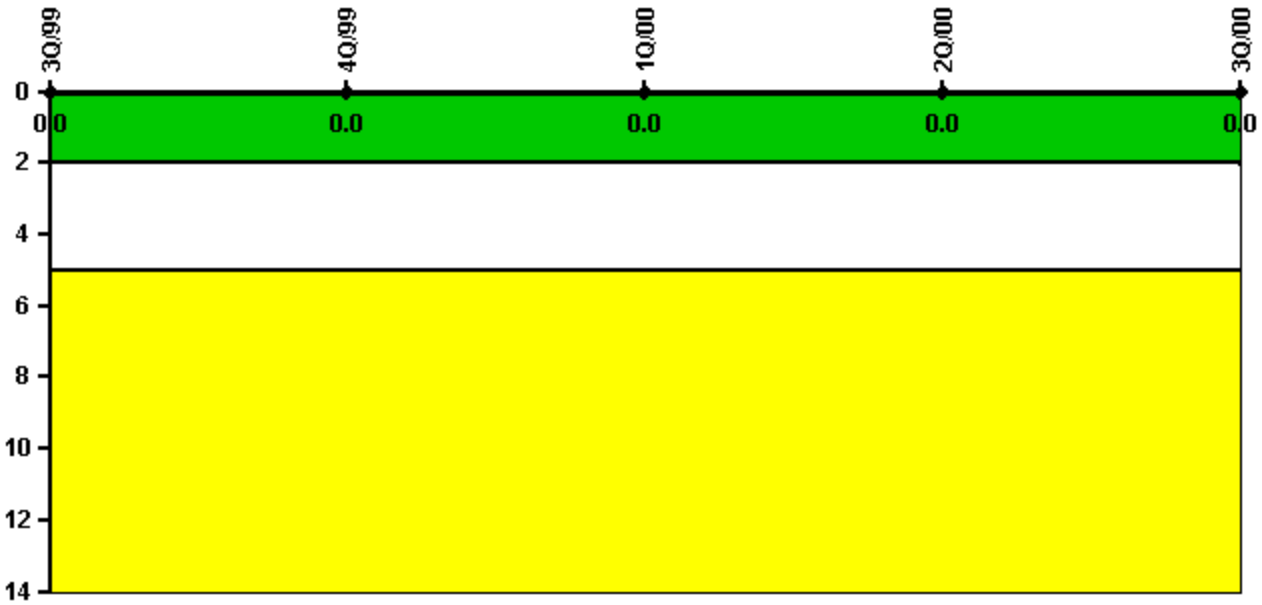
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	716	847	725	844	720
Total sirens-tests	726	847	726	847	726
Indicator value	99.5%	99.6%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



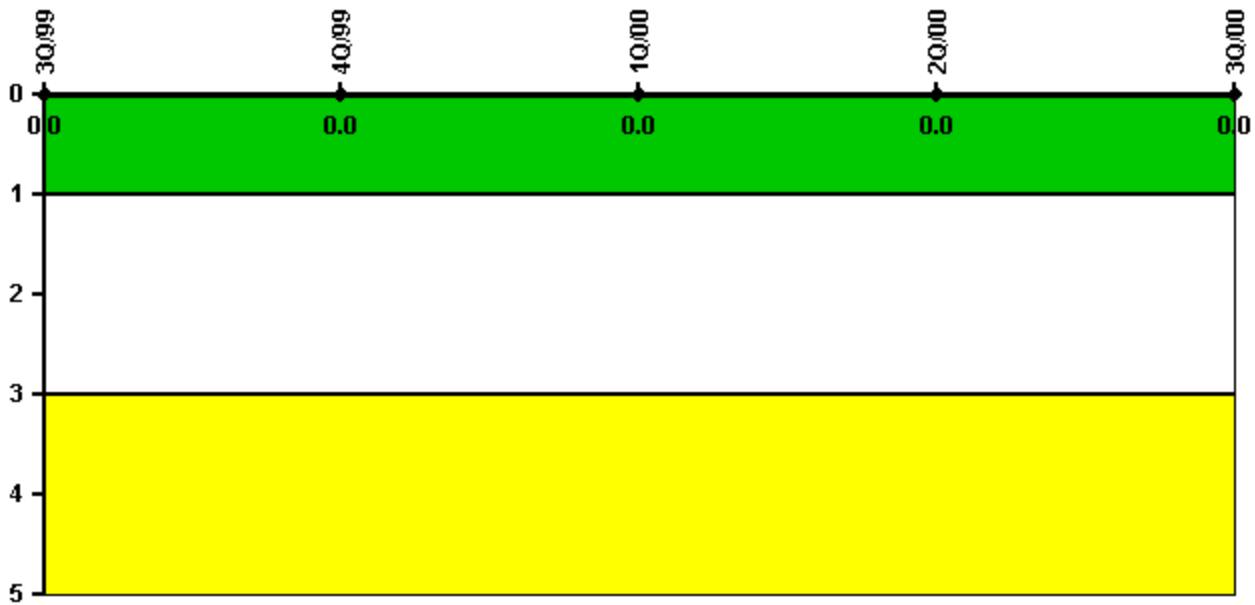
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



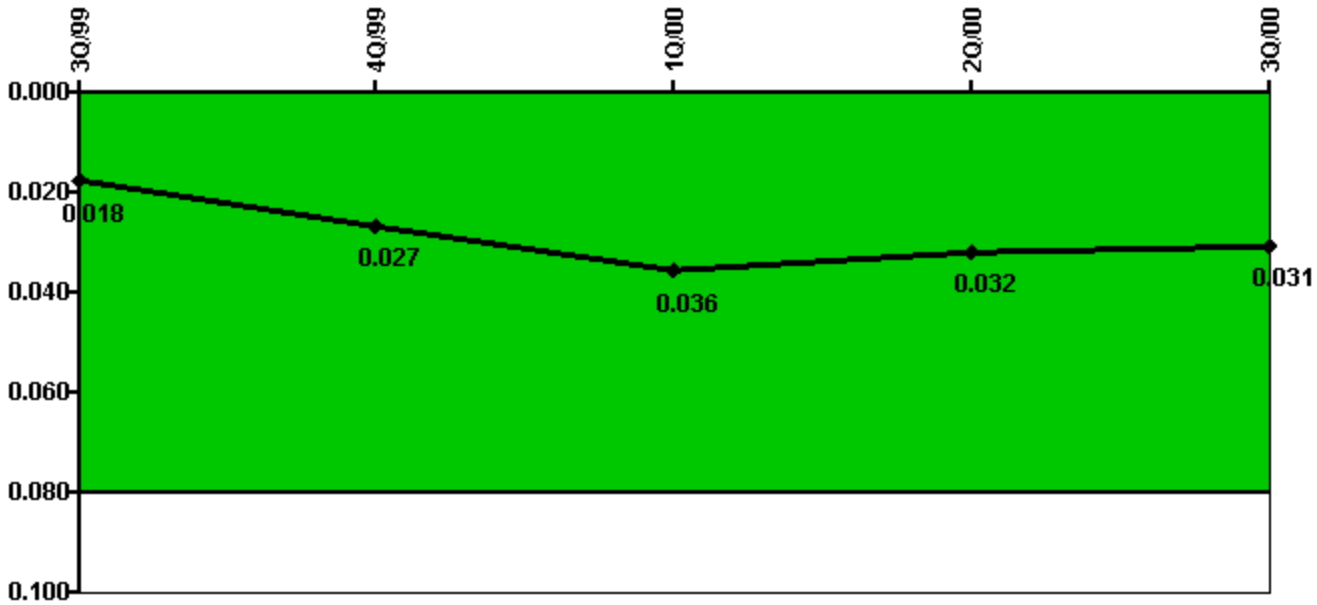
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



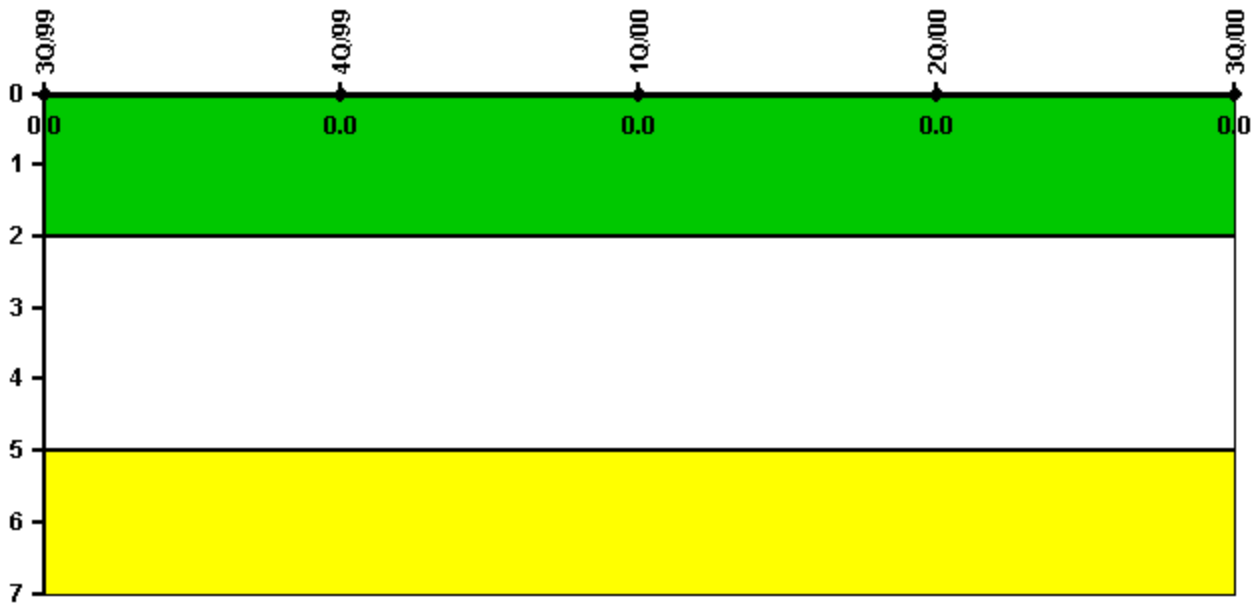
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	155.50	230.75	312.30	8.00	123.90
CCTV compensatory hours	0	0	16.4	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.027	0.036	0.032	0.031

Licensee Comments: none

Personnel Screening Program



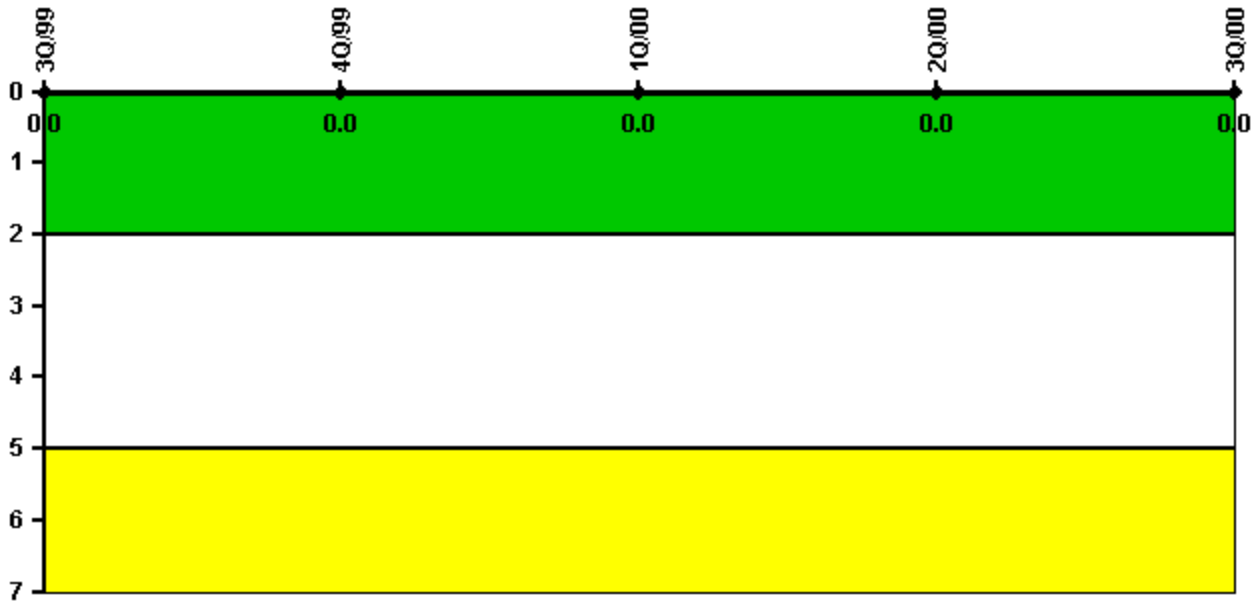
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

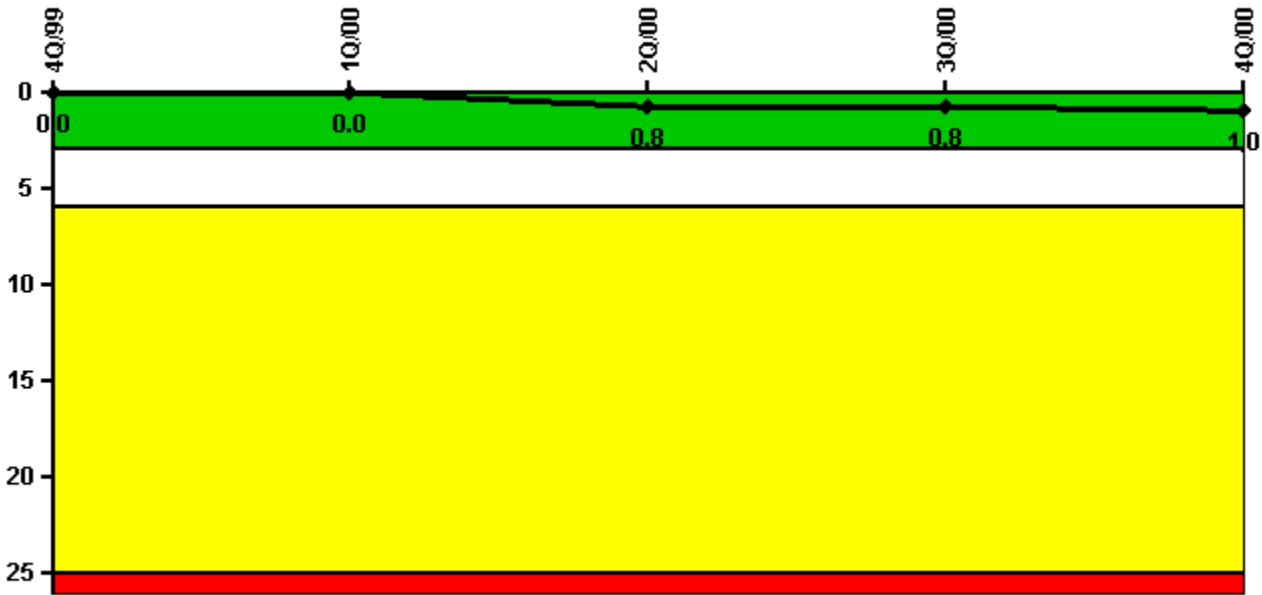
Last Modified: March 29, 2002

Seabrook 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



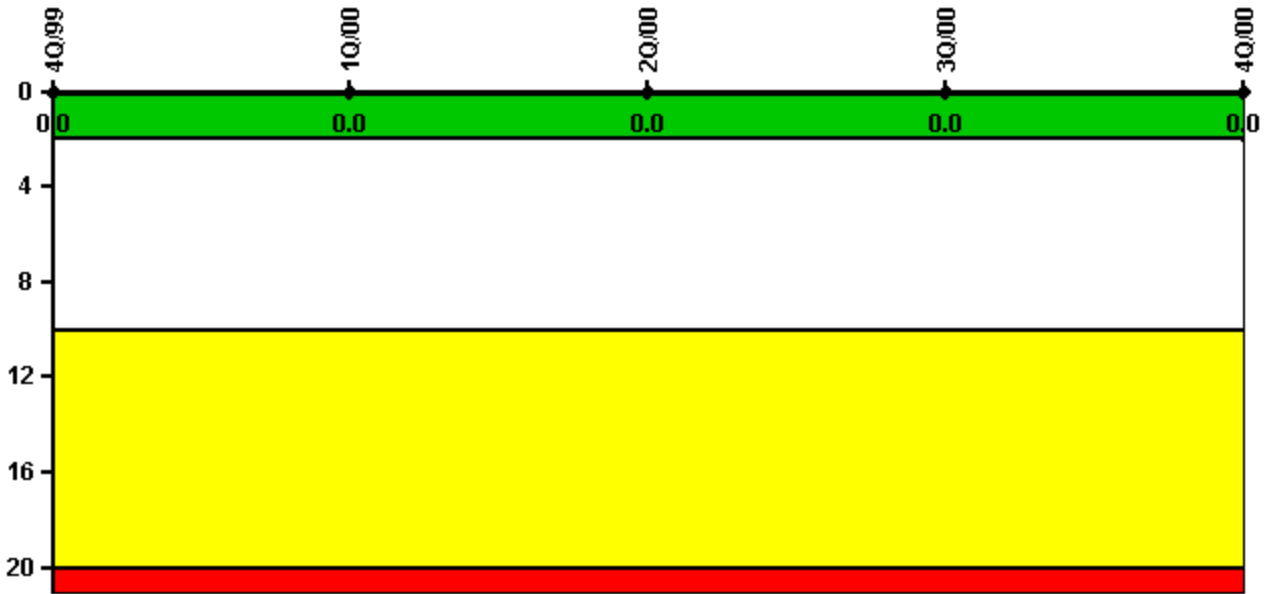
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	1.0	0	0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9
Indicator value	0	0	0.8	0.8	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



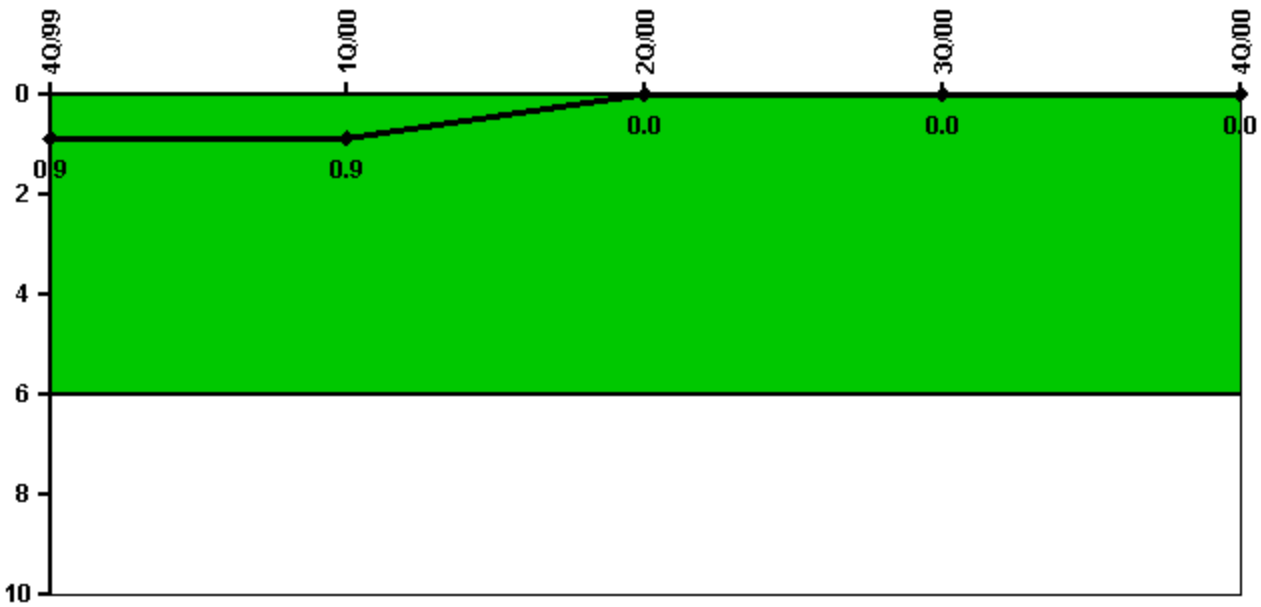
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



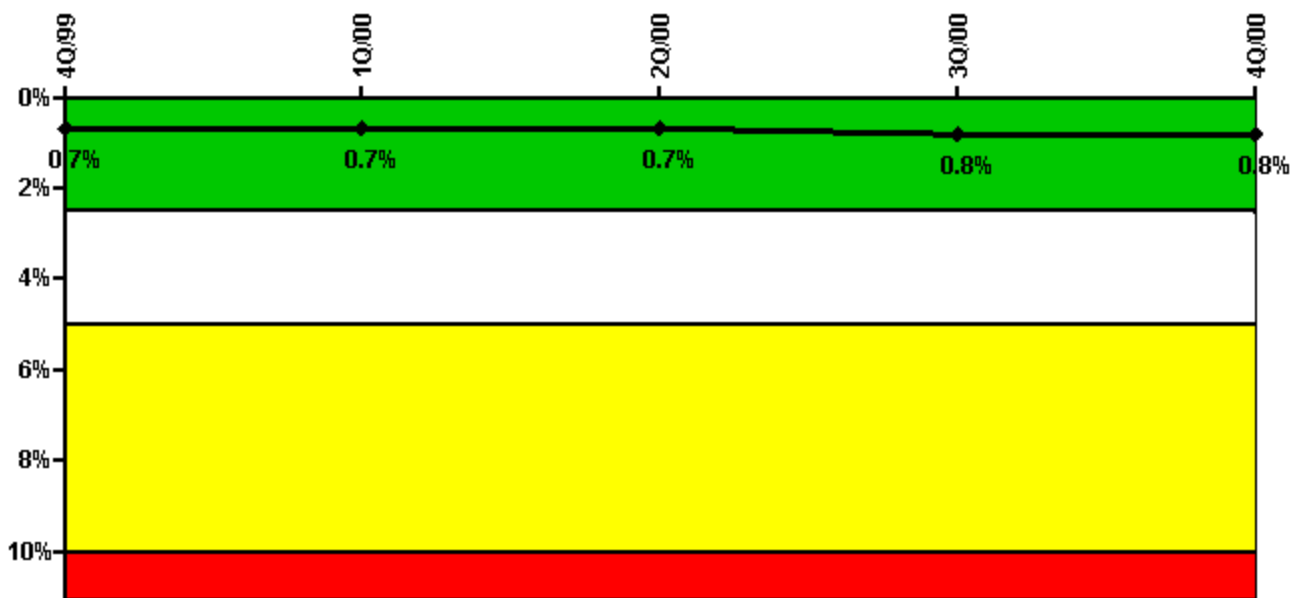
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9
Indicator value	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

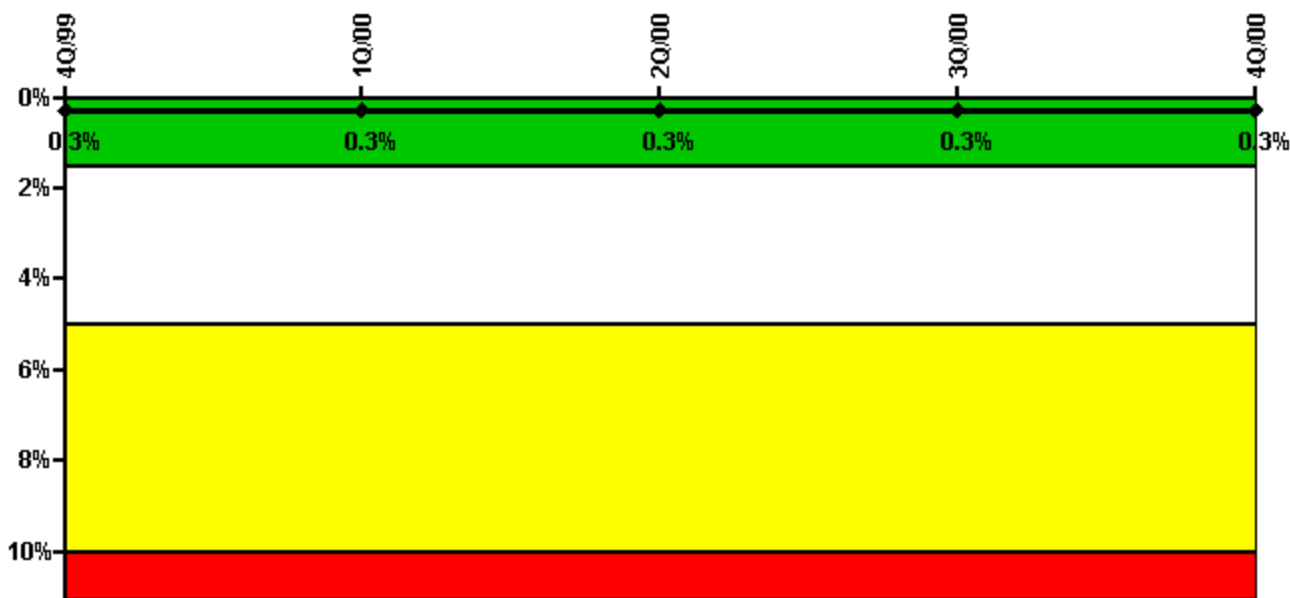
Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	33.86	6.55	17.88	38.02	1.73
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1497.27
Train 2					
Planned unavailable hours	12.65	7.45	28.48	24.70	0
Unplanned unavailable hours	22.03	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	586.00
Indicator value	0.7%	0.7%	0.7%	0.8%	0.8%

Licensee Comments:

4Q/00: During November, unavailability hours were not tabulated when the emergency diesel generators were not required to be operable by the technical specifications.

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

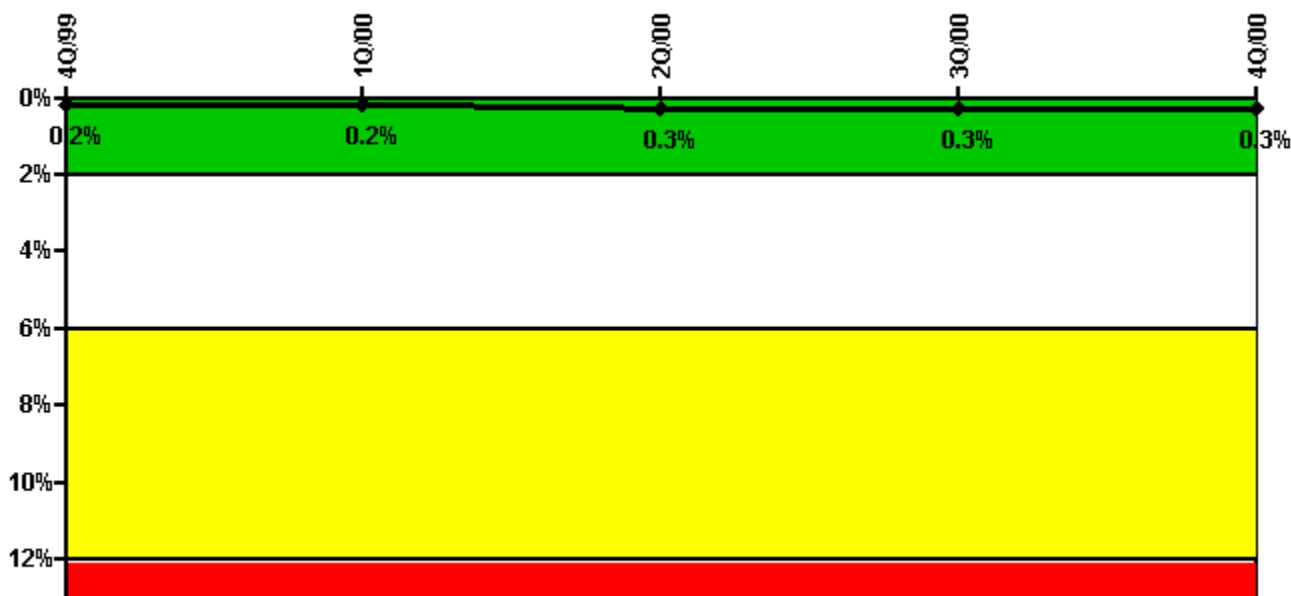
Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	1.65	12.95	0.58	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Train 2					
Planned unavailable hours	0	14.60	0	2.20	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Train 3					
Planned unavailable hours	16.48	0	5.70	8.98	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Train 4					
Planned unavailable hours	16.02	12.00	1.95	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



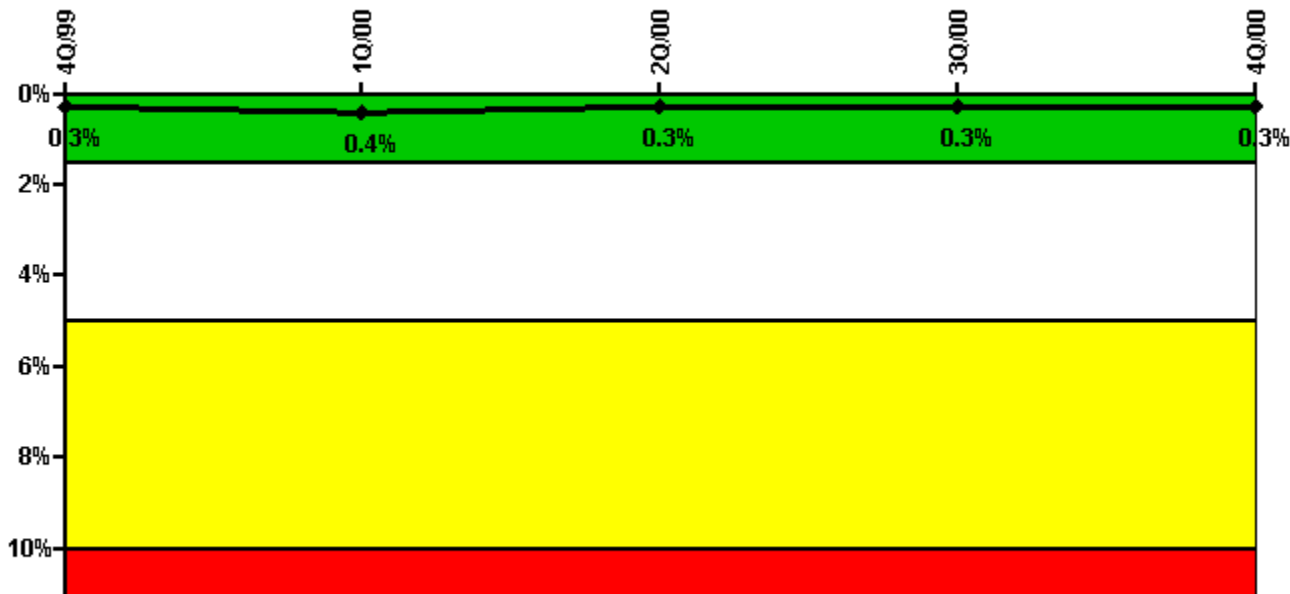
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0.33	17.10	0.62	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Train 2					
Planned unavailable hours	0.53	1.10	13.70	0.57	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

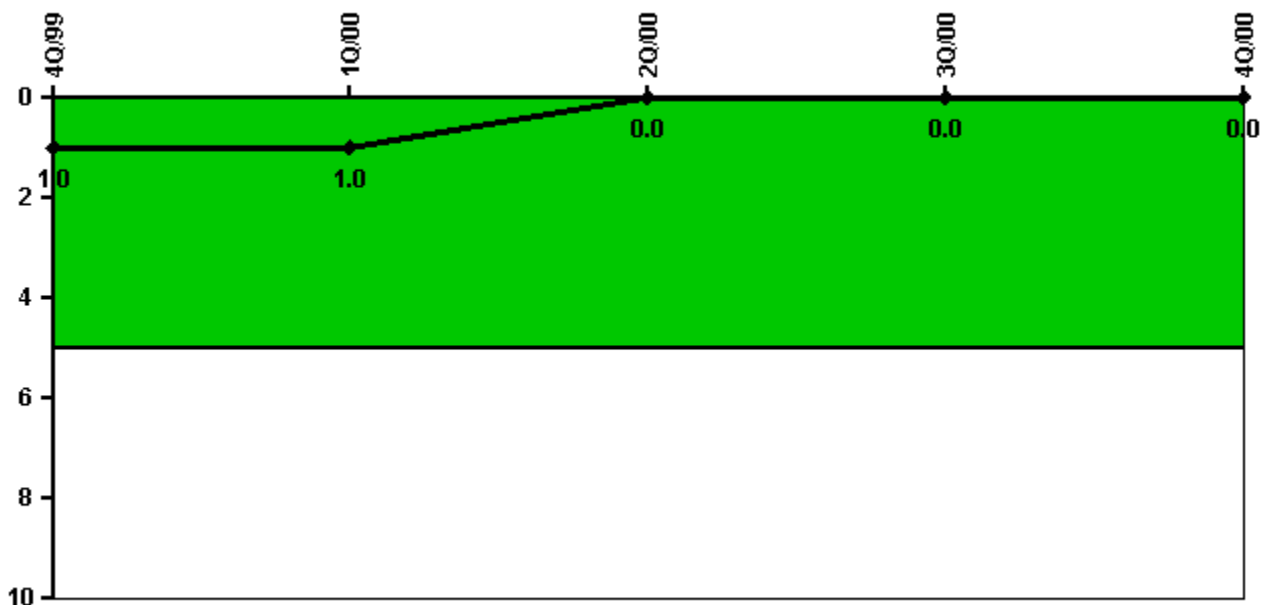
Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	14.30	10.17	1.96	1.30	0.87
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46
Train 2					
Planned unavailable hours	7.82	11.61	1.76	10.28	0.77
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46
Indicator value	0.3%	0.4%	0.3%	0.3%	0.3%

Licensee Comments:

- 4Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 3Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.
- 2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

1Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



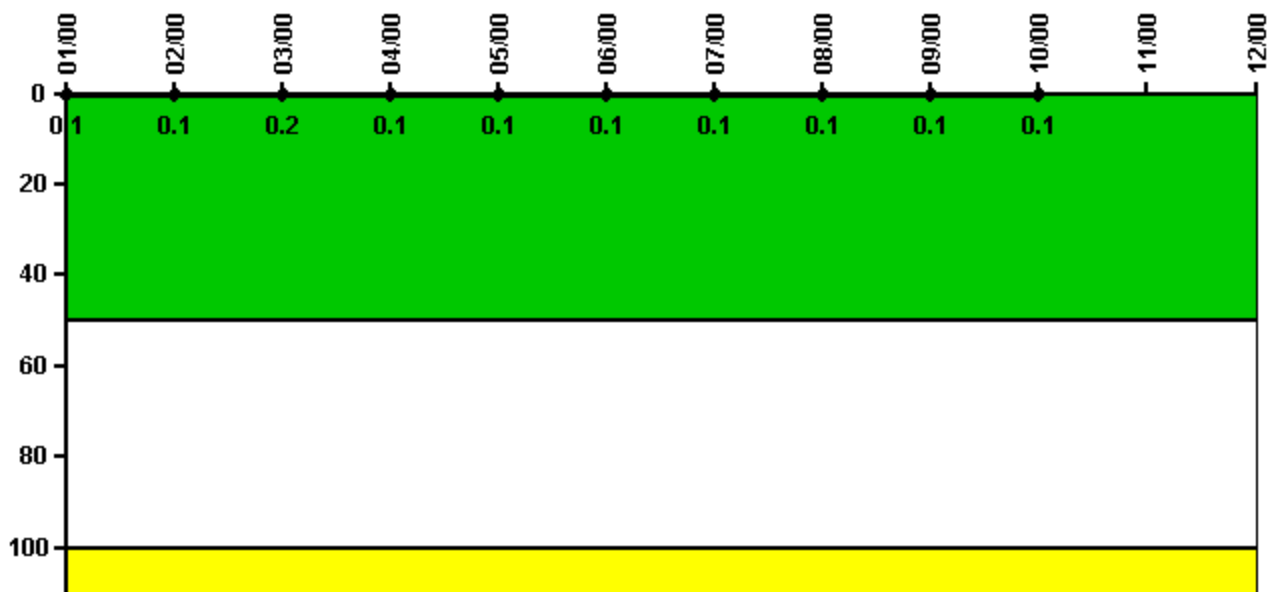
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	1	1	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

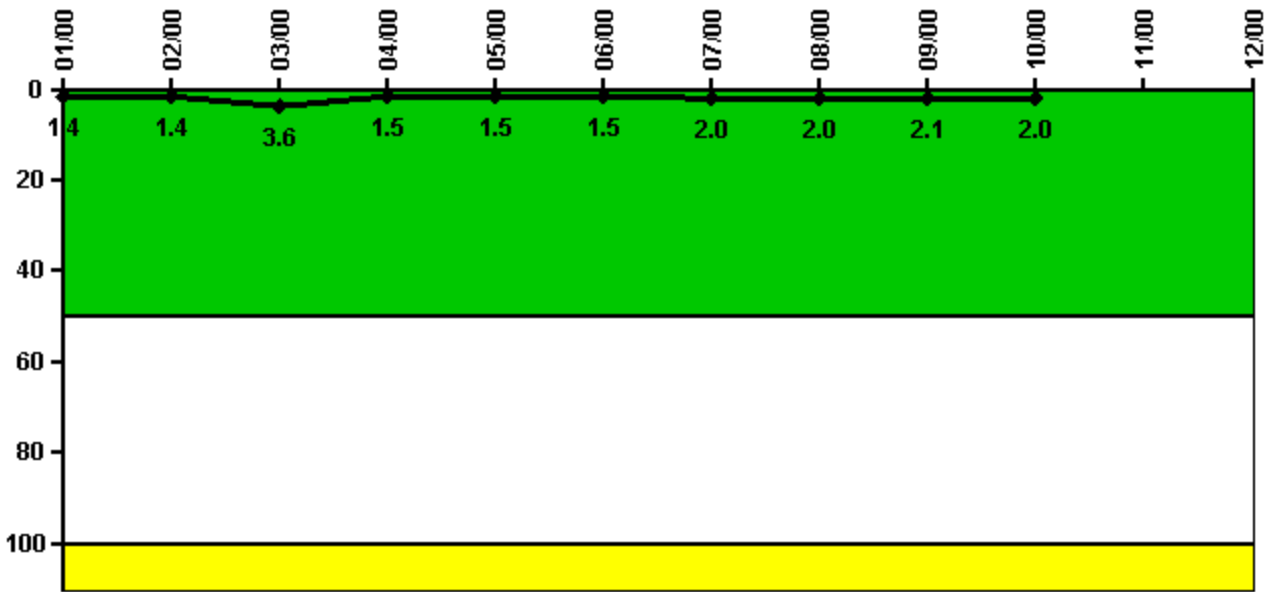
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A

Licensee Comments:

12/00: Plant conditions do not require RCS activity to be calculated in November and December 2000.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

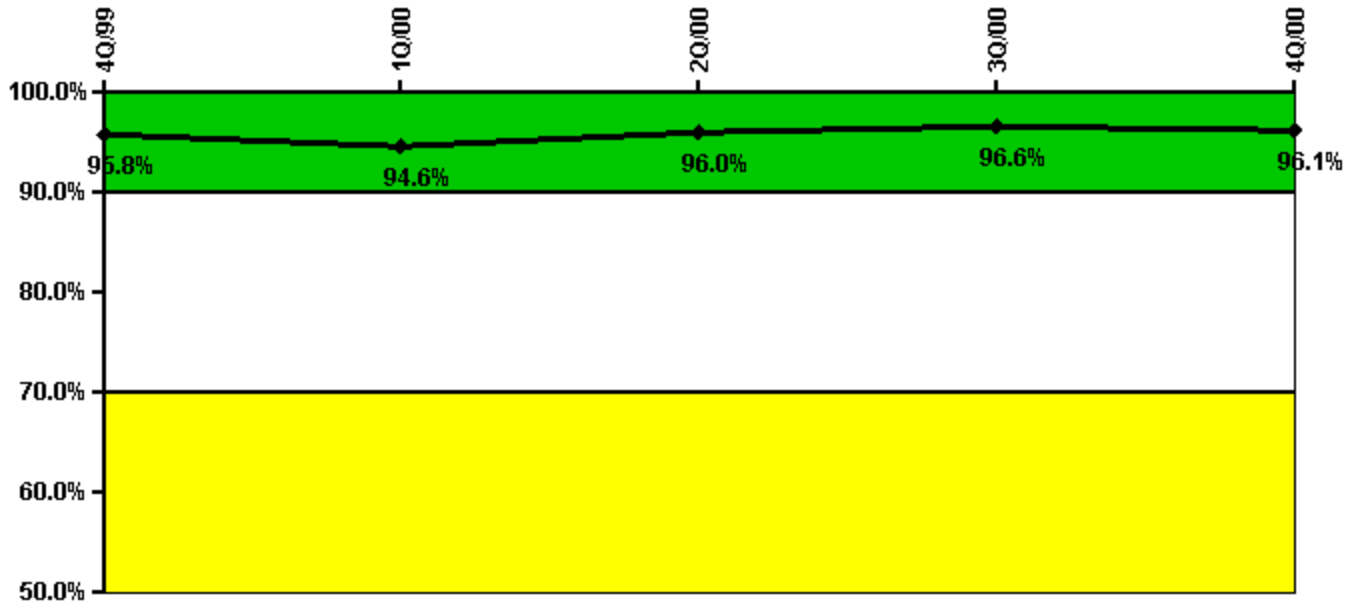
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210	0.200	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1	2.0	N/A	N/A

Licensee Comments:

12/00: Plant conditions do not require RCS identified leak rate to be calculated in November and December 2000.

Drill/Exercise Performance



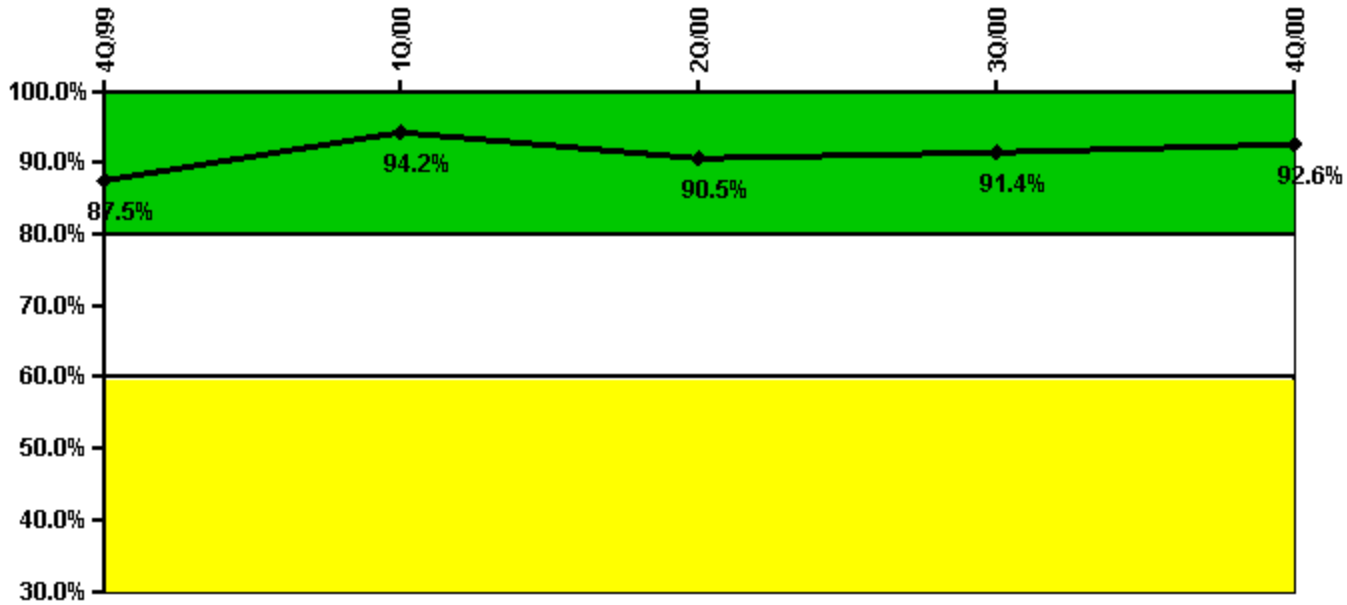
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	44.0	20.0	48.0	22.0	32.0
Total opportunities	45.0	22.0	48.0	22.0	34.0
Indicator value	95.8%	94.6%	96.0%	96.6%	96.1%

Licensee Comments: none

ERO Drill Participation



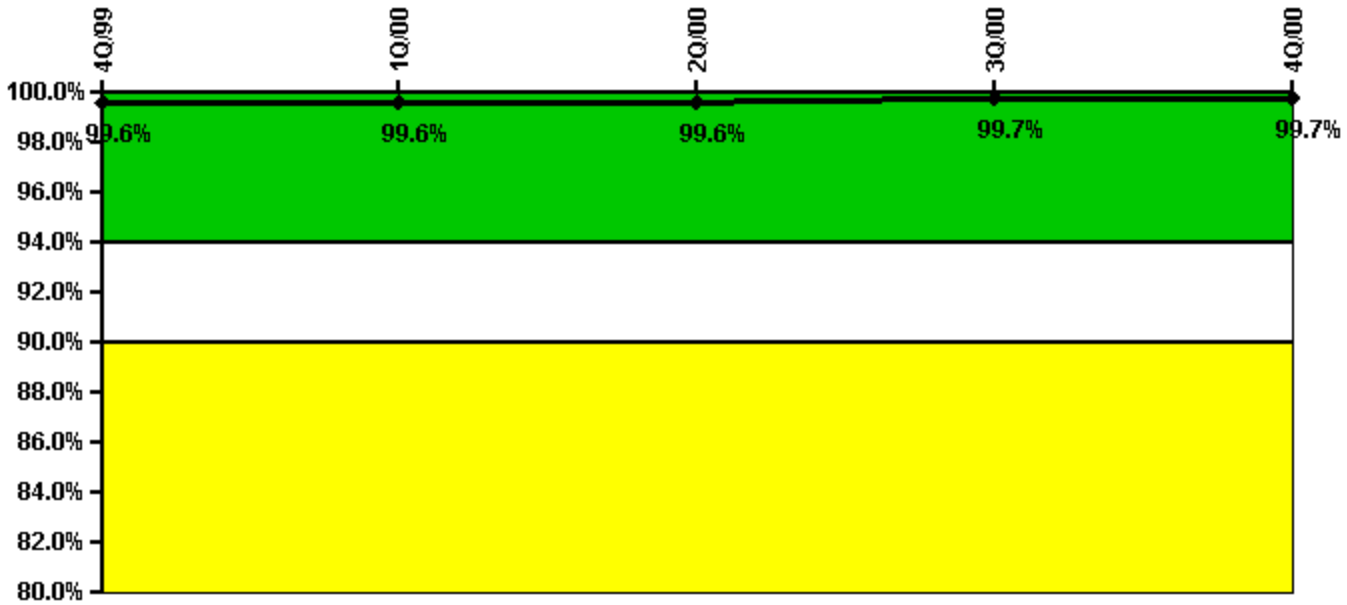
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	91.0	81.0	86.0	96.0	88.0
Total Key personnel	104.0	86.0	95.0	105.0	95.0
Indicator value	87.5%	94.2%	90.5%	91.4%	92.6%

Licensee Comments: none

Alert & Notification System



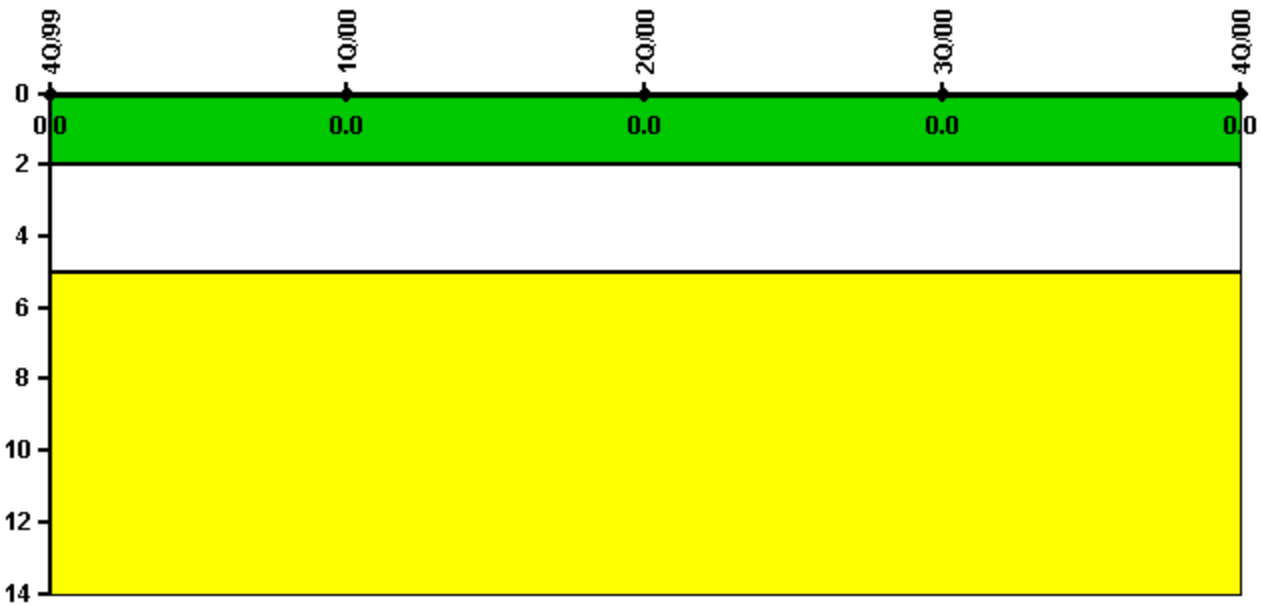
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	847	725	844	720	846
Total sirens-tests	847	726	847	726	847
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



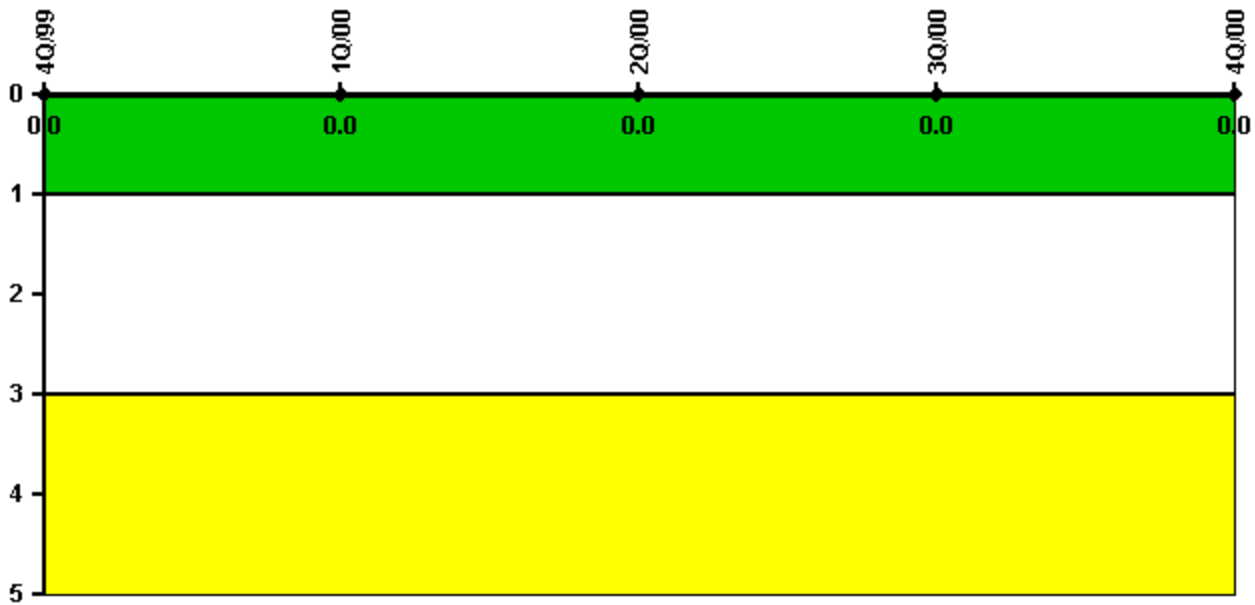
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



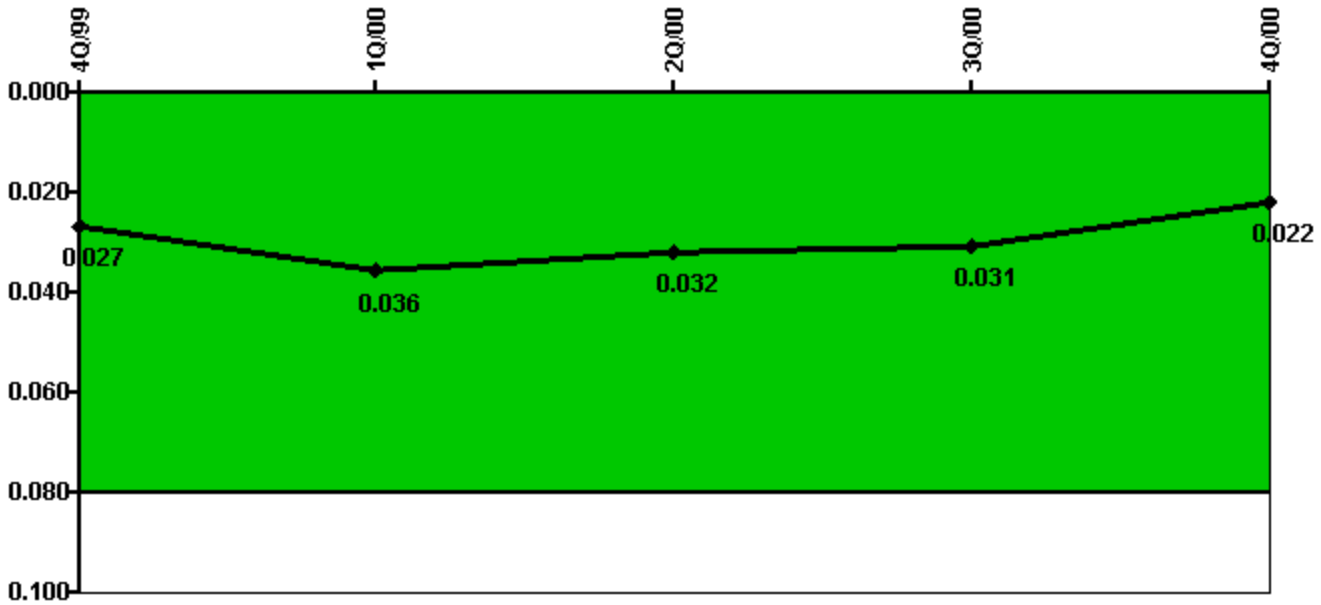
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



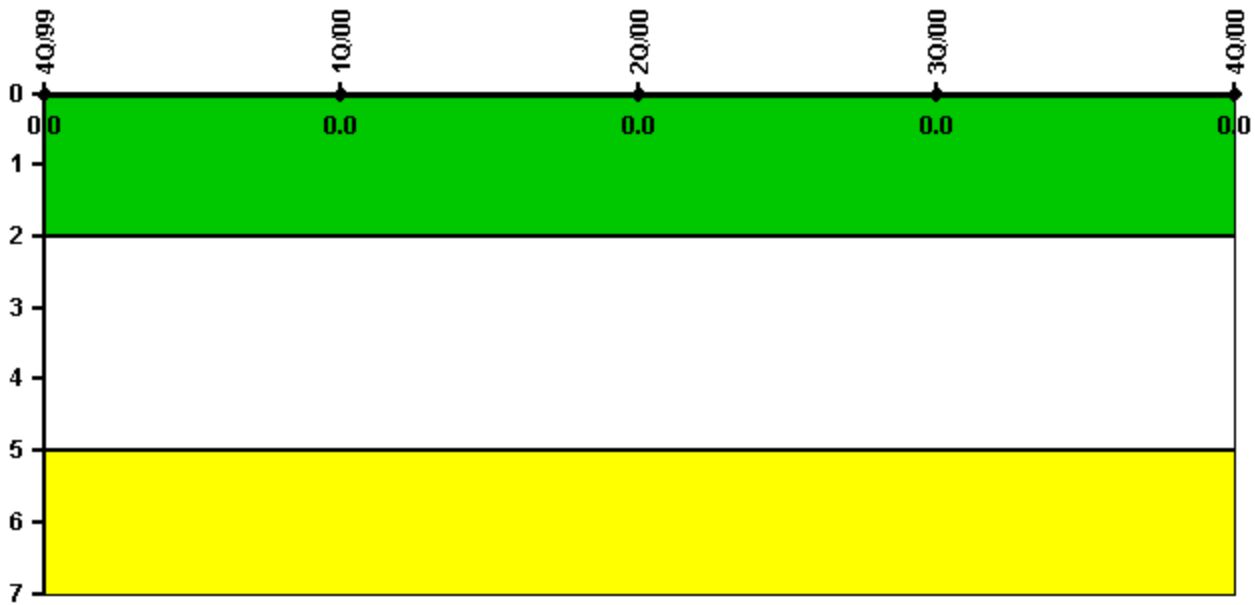
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	230.75	312.30	8.00	123.90	40.70
CCTV compensatory hours	0	16.4	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.036	0.032	0.031	0.022

Licensee Comments: none

Personnel Screening Program



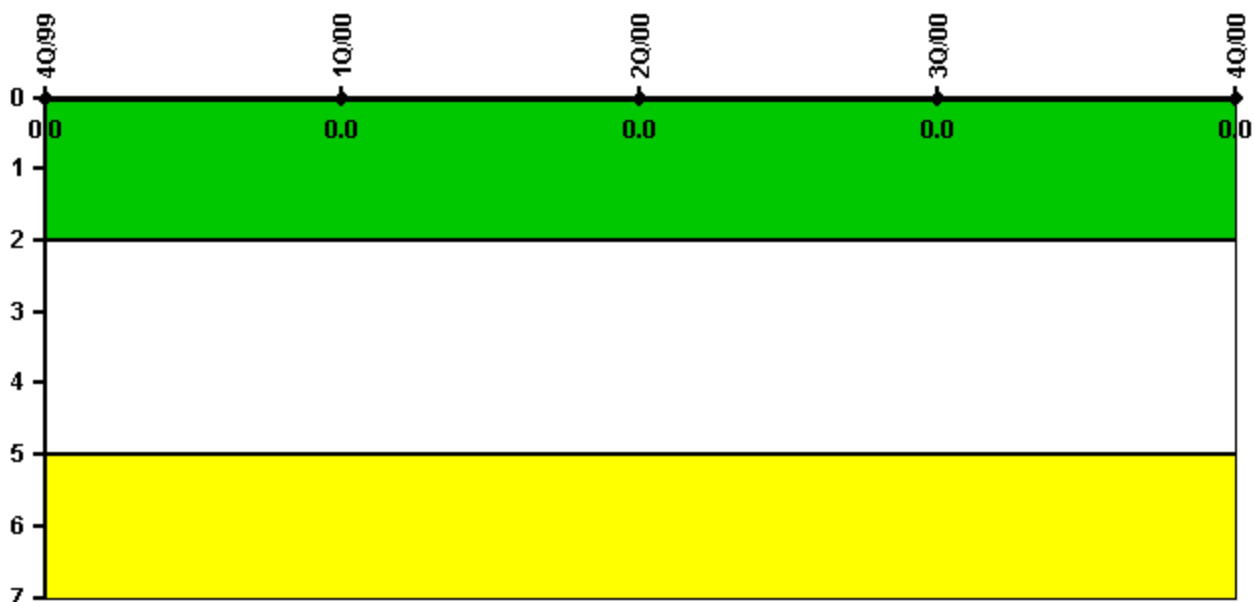
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

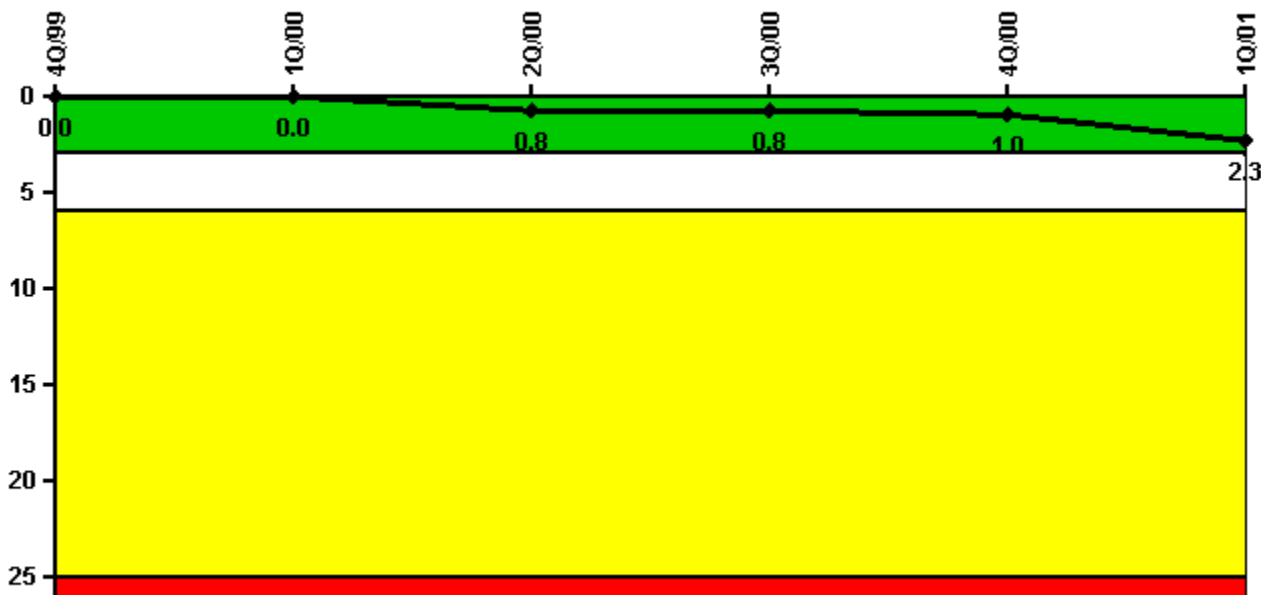
Last Modified: March 28, 2002

Seabrook 1

1Q/2001 Performance Indicators

Licensee's General Comments: Report of fault exposure hours for EFW Pp "A" due to overspeed trip on 3/5/01.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	1.0	0	0	1.0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4
Indicator value	0	0	0.8	0.8	1.0	2.3

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

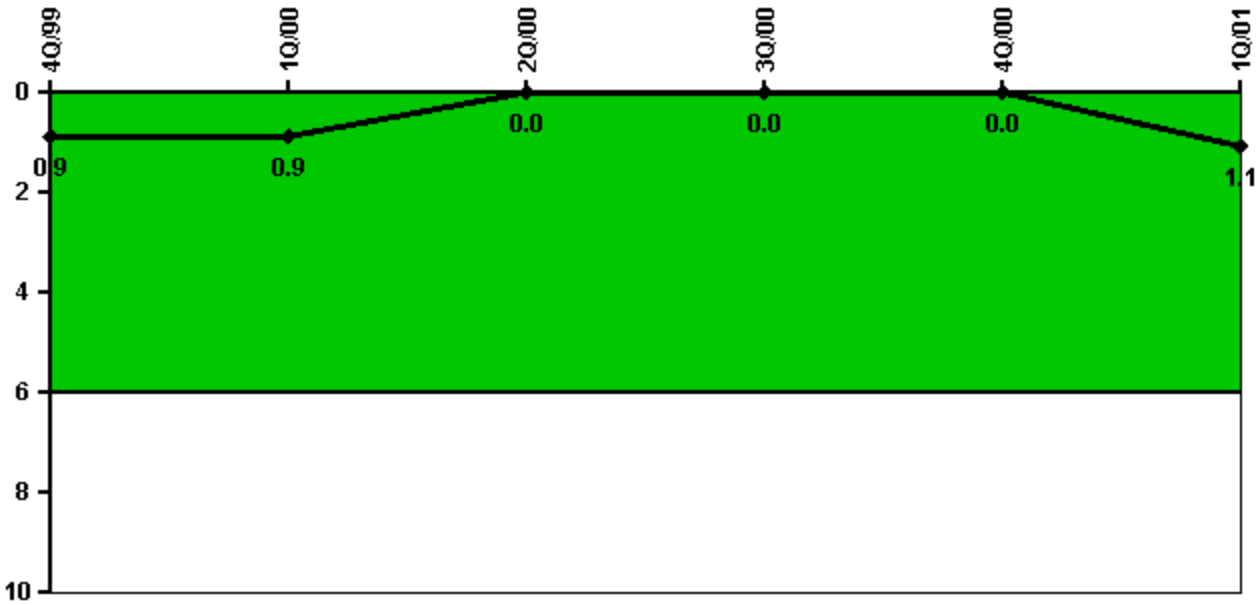
Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	1.0
Indicator value	0	0	0	0	0	1.0

Licensee Comments:

1Q/01: Momentary loss of offsite power resulted in a loss of main condenser.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

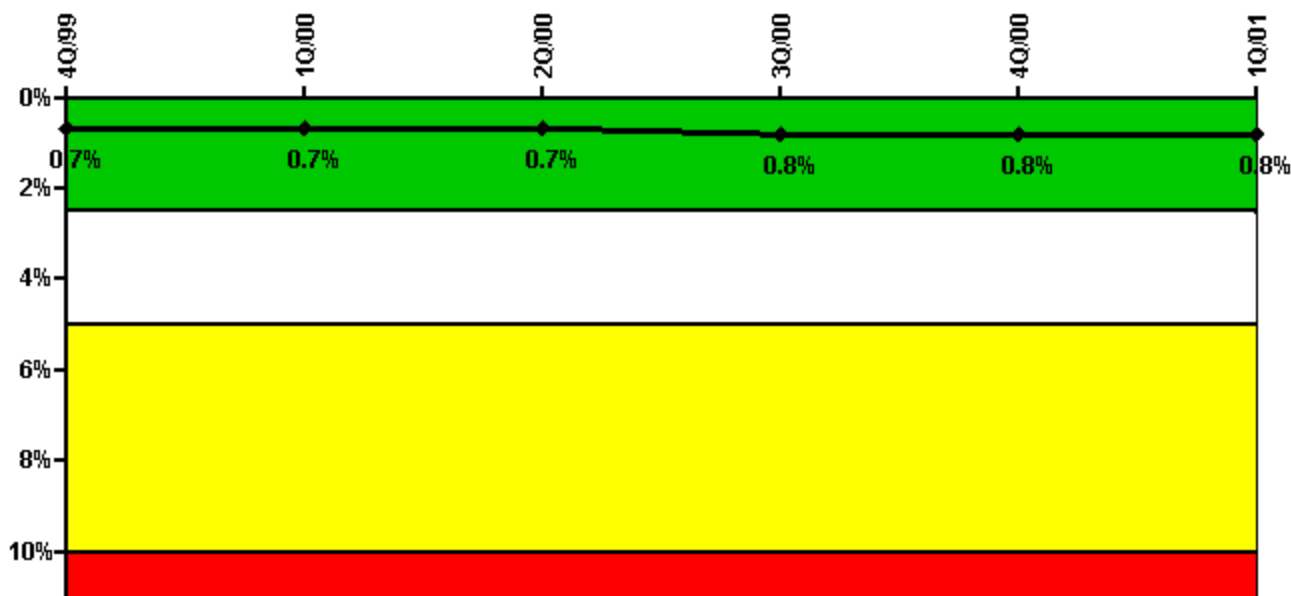
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	0	1.0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4
Indicator value	0.9	0.9	0	0	0	1.1

Licensee Comments:

1Q/01: EHC Control Valve problem required power reduction to repair.

Safety System Unavailability, Emergency AC Power



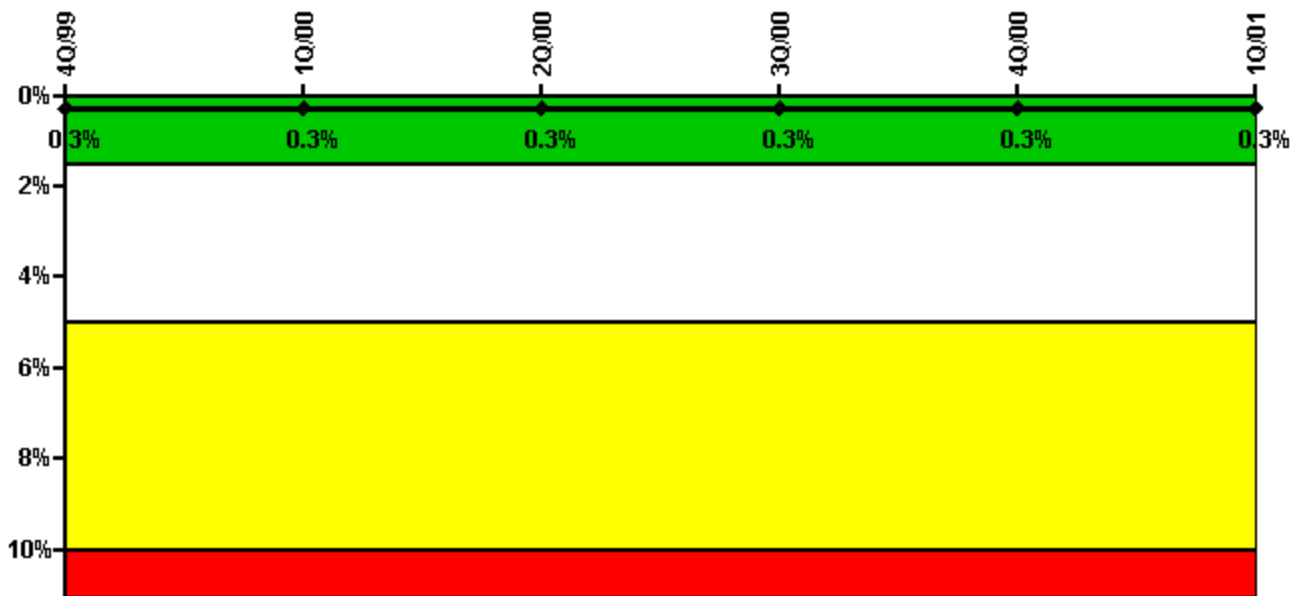
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	33.86	6.55	17.88	38.02	1.73	17.78
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1497.27	2150.80
Train 2						
Planned unavailable hours	12.65	7.45	28.48	24.70	0	10.20
Unplanned unavailable hours	22.03	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	586.00	1608.60
Indicator value	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

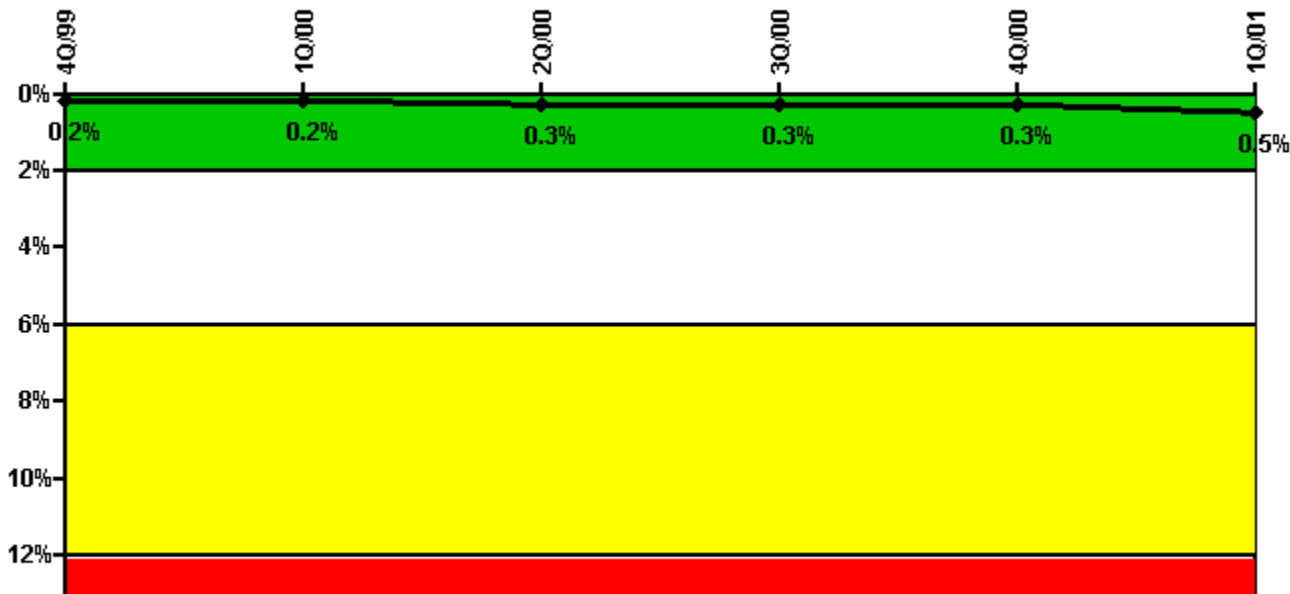
Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	1.65	12.95	0.58	0	0	7.07
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20
Train 2						
Planned unavailable hours	0	14.60	0	2.20	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20
Train 3						
Planned unavailable hours	16.48	0	5.70	8.98	0	3.32
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00
Train 4						
Planned unavailable hours	16.02	12.00	1.95	0	0	0.72
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

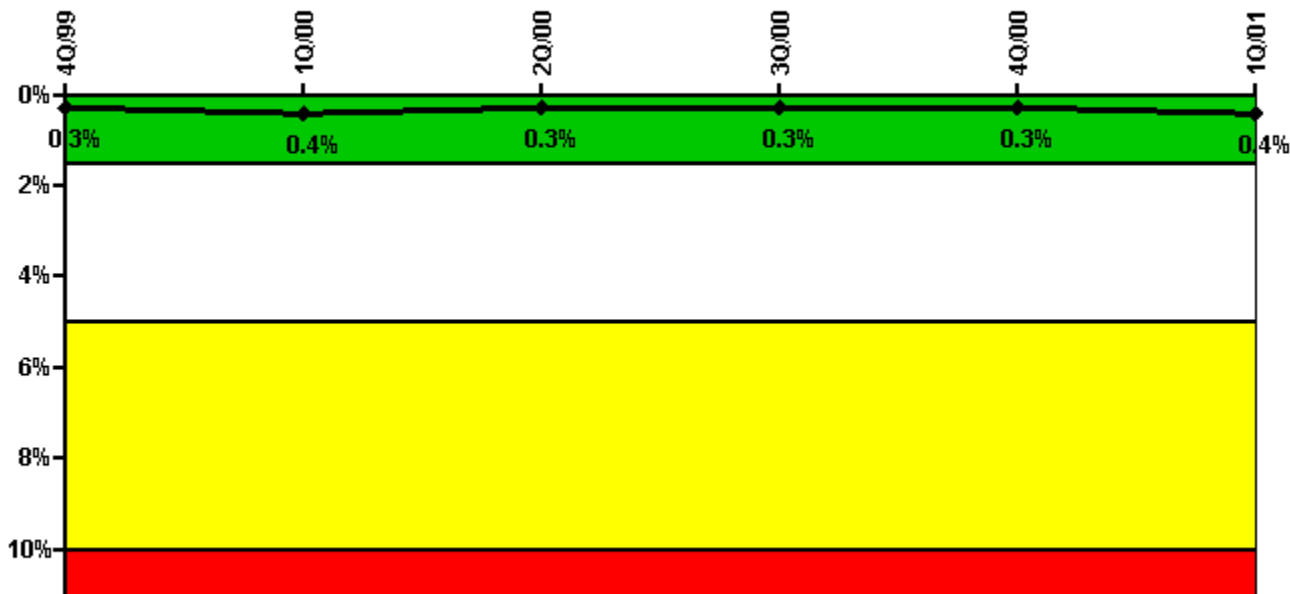
Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0.33	17.10	0.62	0	15.46
Unplanned unavailable hours	0	0	0	0	0	28.52
Fault exposure hours	0	0	0	0	0	64.55
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00
Train 2						
Planned unavailable hours	0.53	1.10	13.70	0.57	0	5.10
Unplanned unavailable hours	0	0	0	0	0	0.38
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.5%

Licensee Comments:

1Q/01: Fault Exposure Unavailability incurred due to failure of EFW Pp "A". Failure was due to overspeed trip on 3/5/01 at 23:25. Previous successful quarterly surveillance was on 2/28/01 at 14:20, 129.09 hours prior to the failure. One half of this interval is fault exposure time of

64.55 hours.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	14.30	10.17	1.96	1.30	0.87	3.58
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80
Train 2						
Planned unavailable hours	7.82	11.61	1.76	10.28	0.77	12.06
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80
Indicator value	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%

Licensee Comments:

4Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

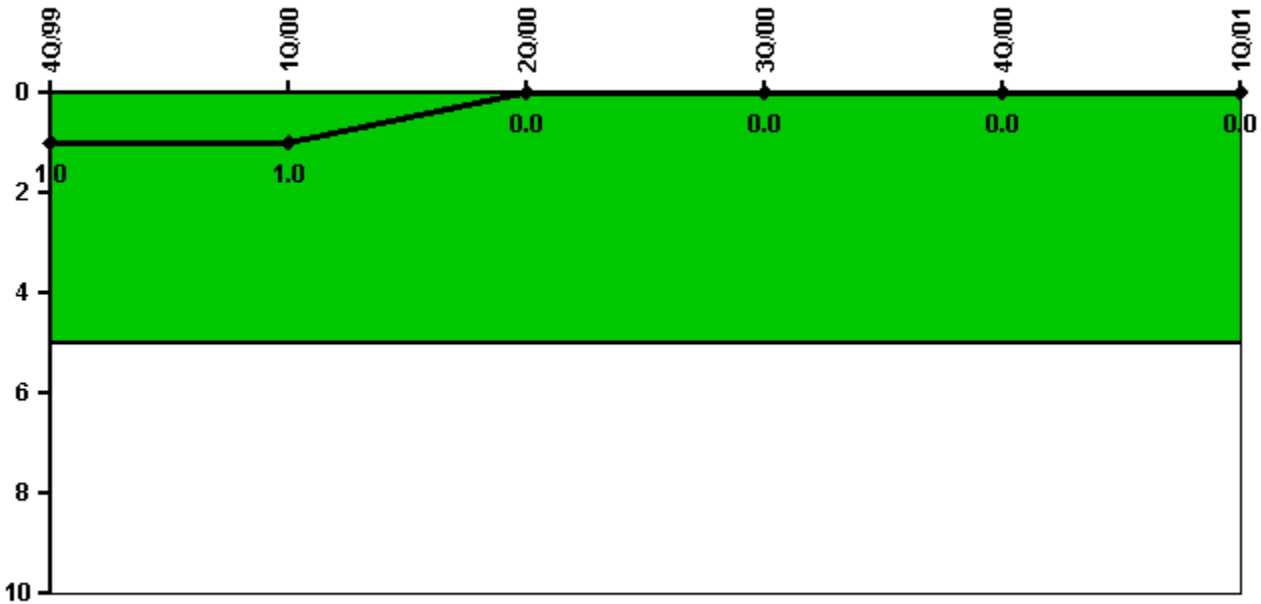
3Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

1Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



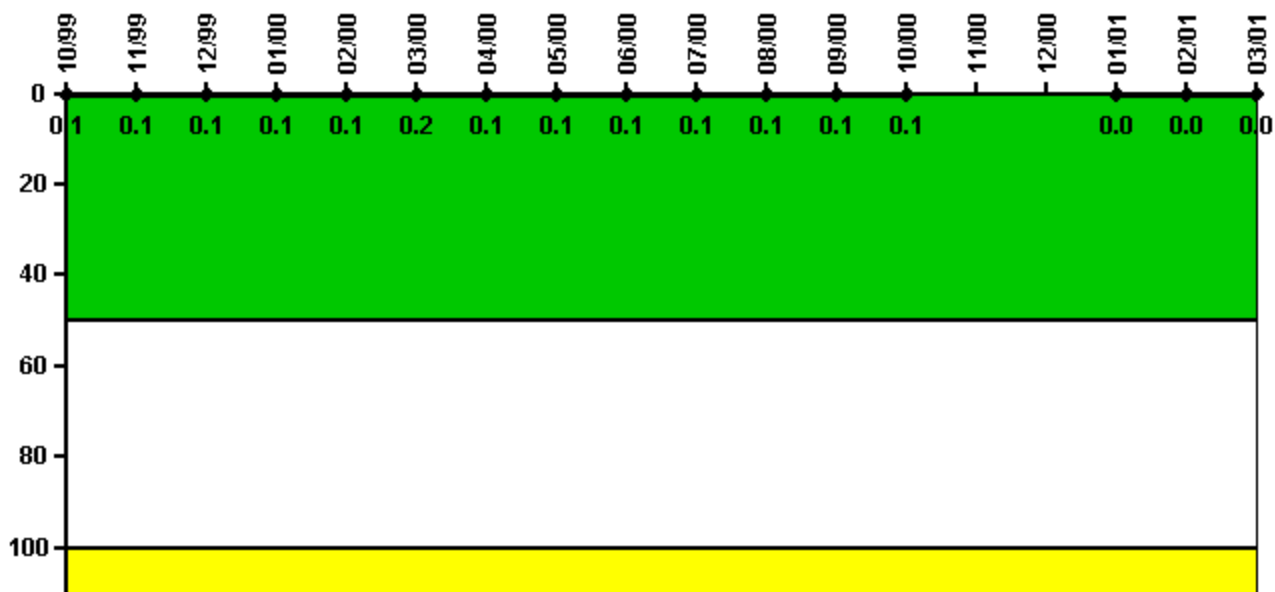
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

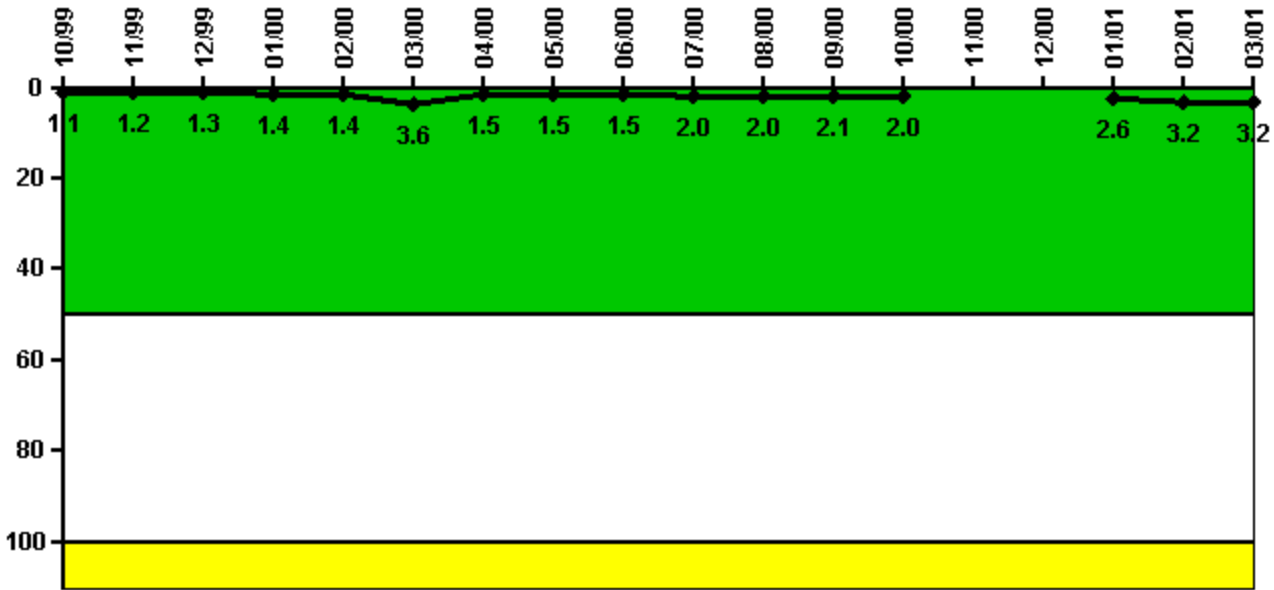
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000700	N/A	N/A	0.000138	0.000362	0.000234
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	N/A	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

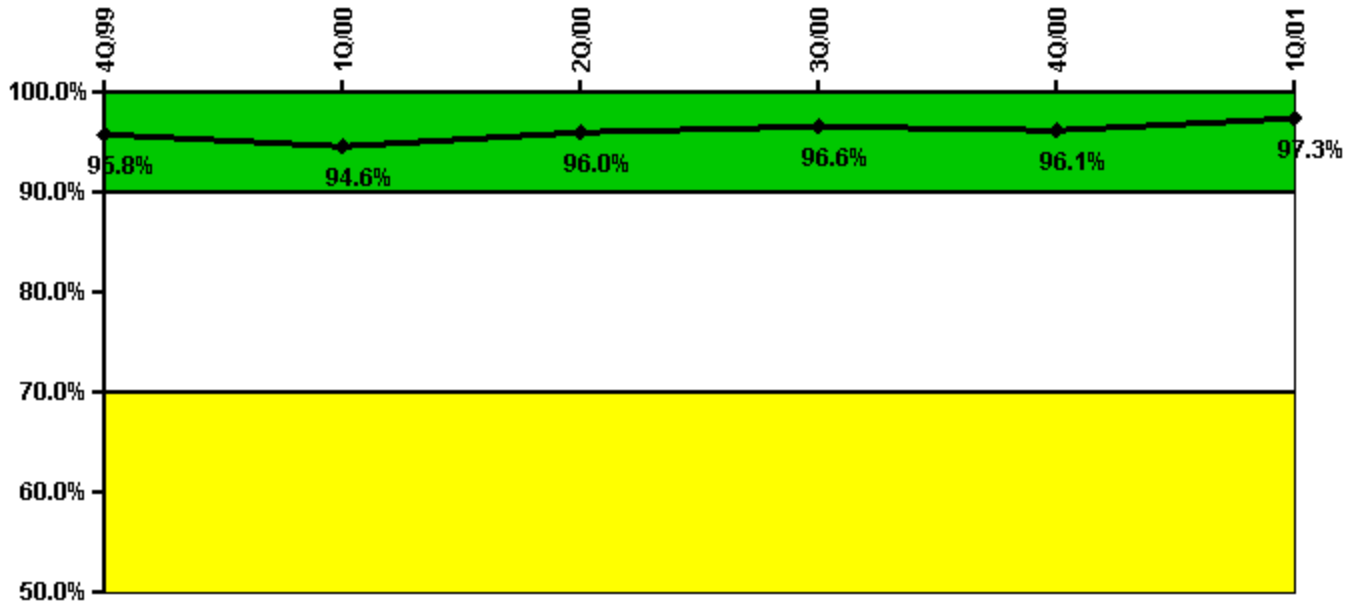
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.110	0.120	0.130	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.2	1.3	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.200	N/A	N/A	0.260	0.320	0.320
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	N/A	N/A	2.6	3.2	3.2

Licensee Comments:

3/01: .99 and .77 values on 3/6/01 were during non steady state conditions.

Drill/Exercise Performance



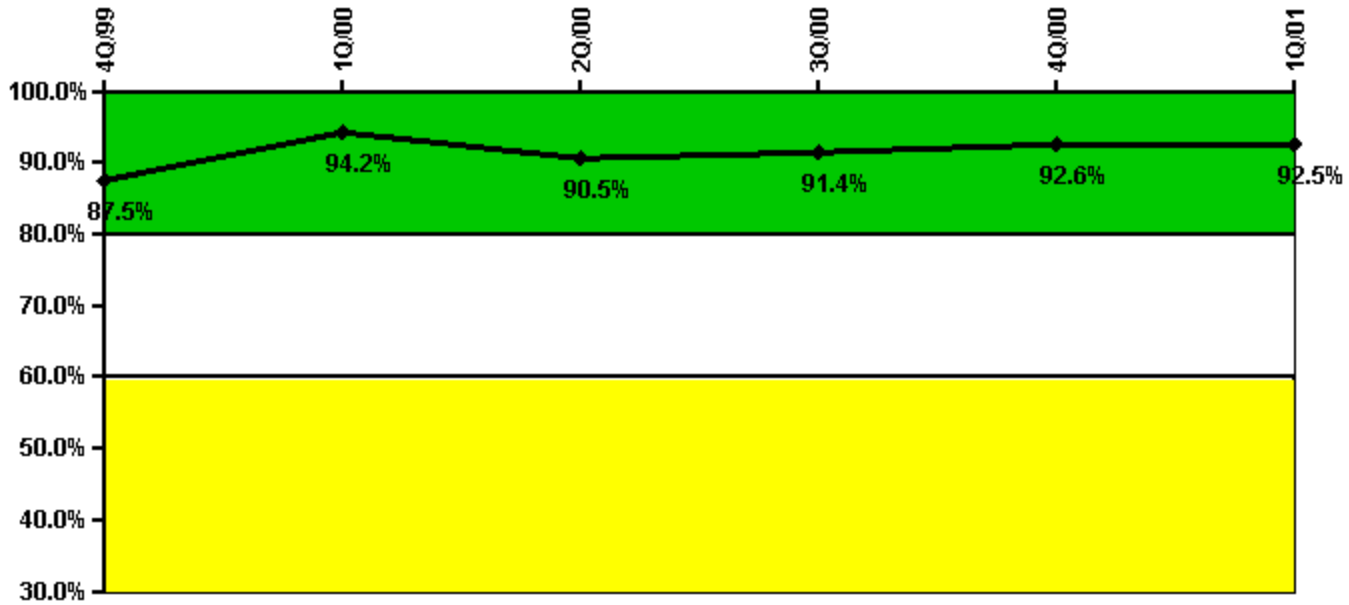
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	44.0	20.0	48.0	22.0	32.0	13.0
Total opportunities	45.0	22.0	48.0	22.0	34.0	13.0
Indicator value	95.8%	94.6%	96.0%	96.6%	96.1%	97.3%

Licensee Comments: none

ERO Drill Participation



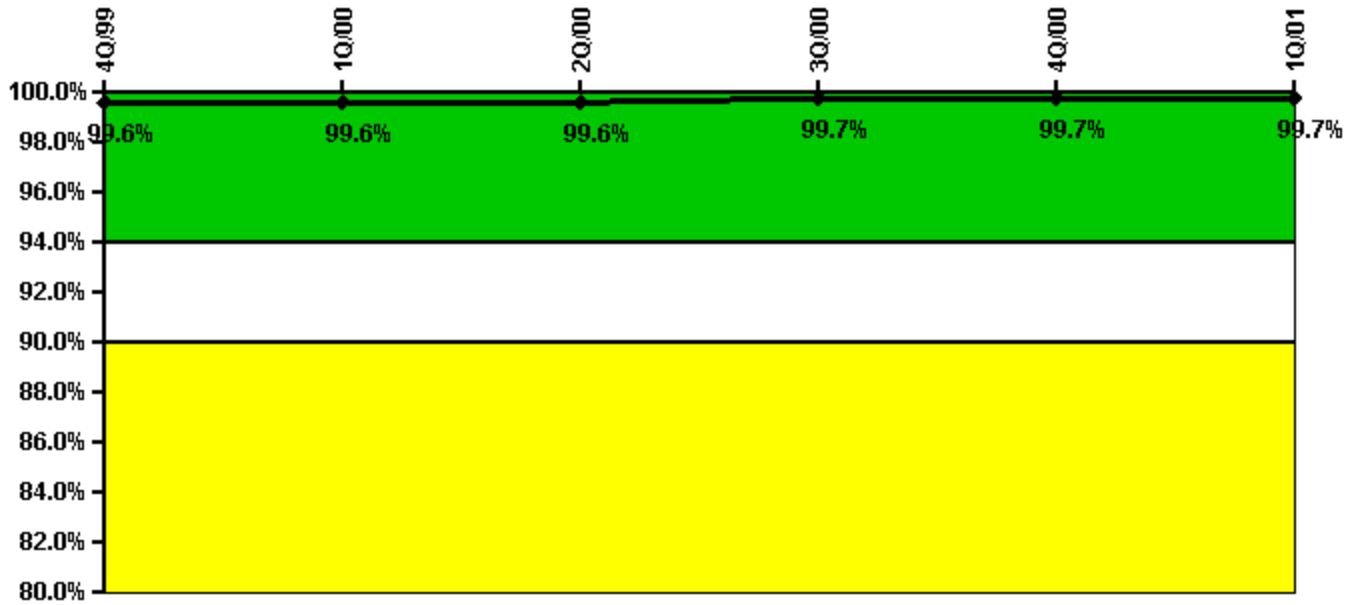
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	91.0	81.0	86.0	96.0	88.0	86.0
Total Key personnel	104.0	86.0	95.0	105.0	95.0	93.0
Indicator value	87.5%	94.2%	90.5%	91.4%	92.6%	92.5%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	847	725	844	720	846	725
Total sirens-tests	847	726	847	726	847	726
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



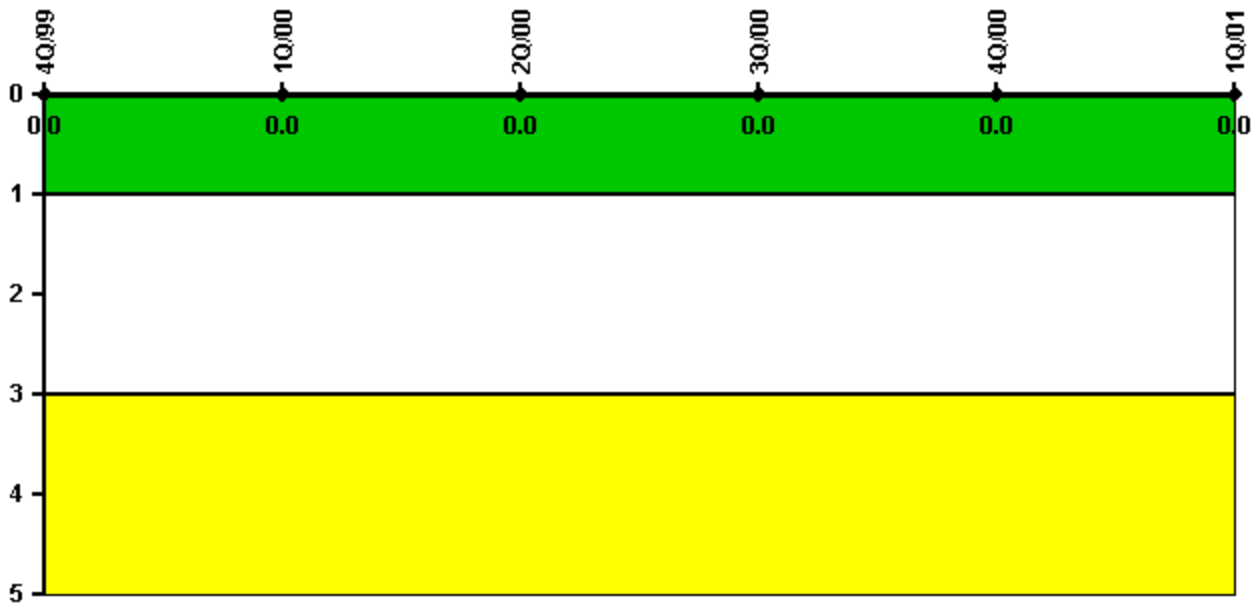
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



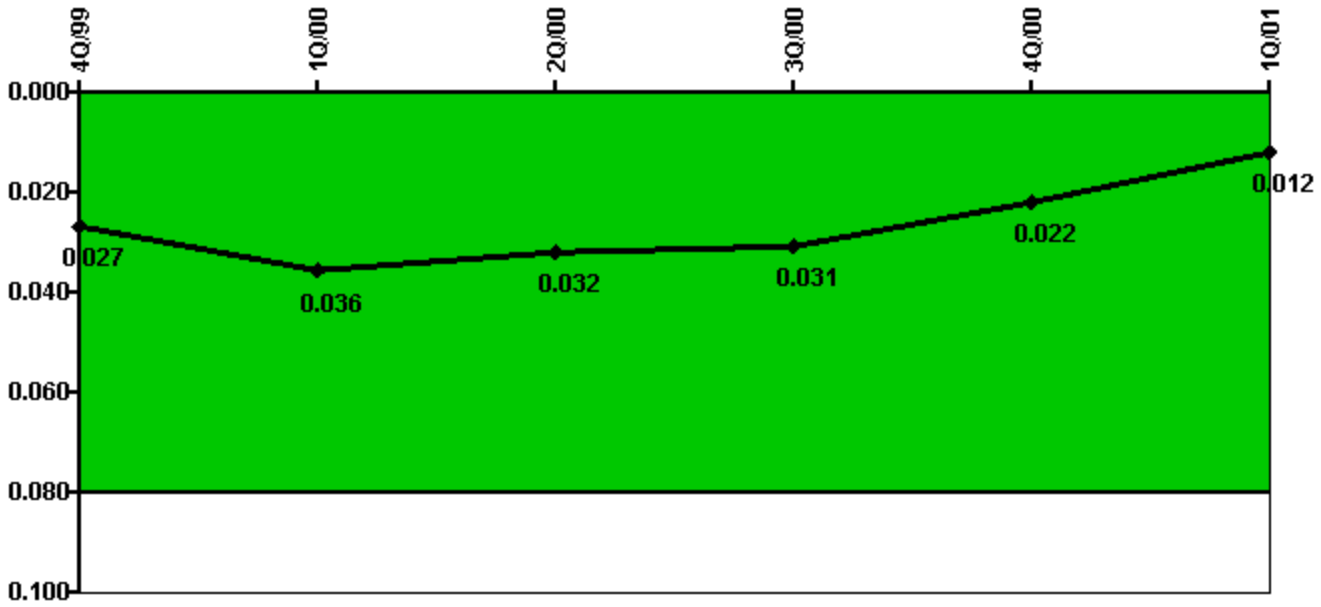
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



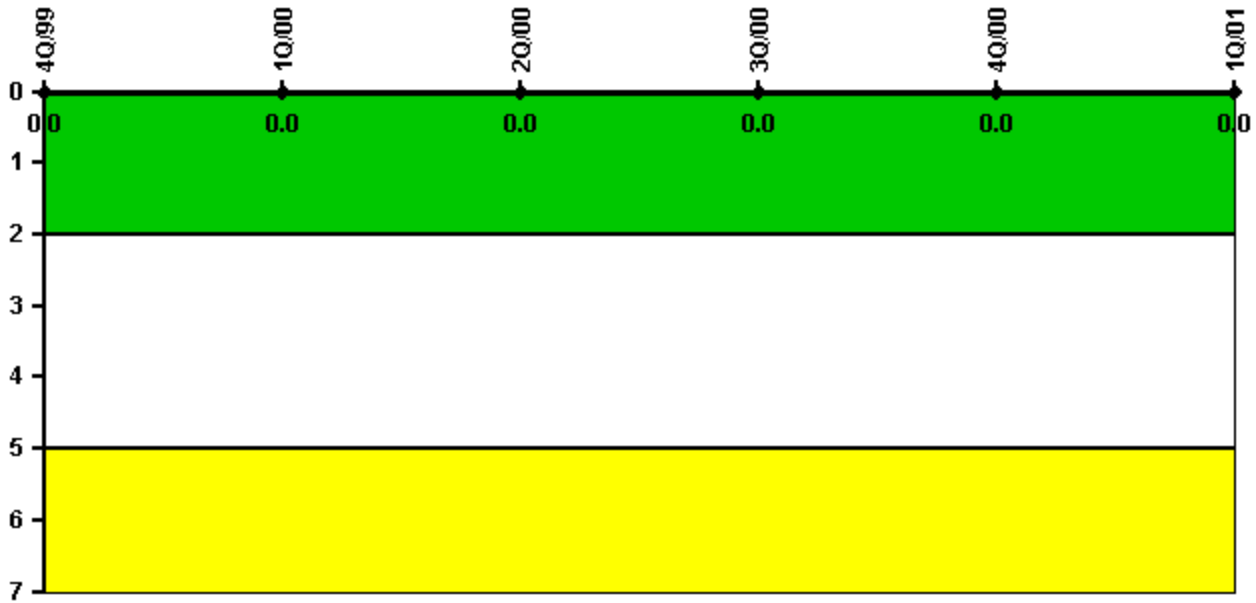
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	230.75	312.30	8.00	123.90	40.70	91.10
CCTV compensatory hours	0	16.4	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.036	0.032	0.031	0.022	0.012

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

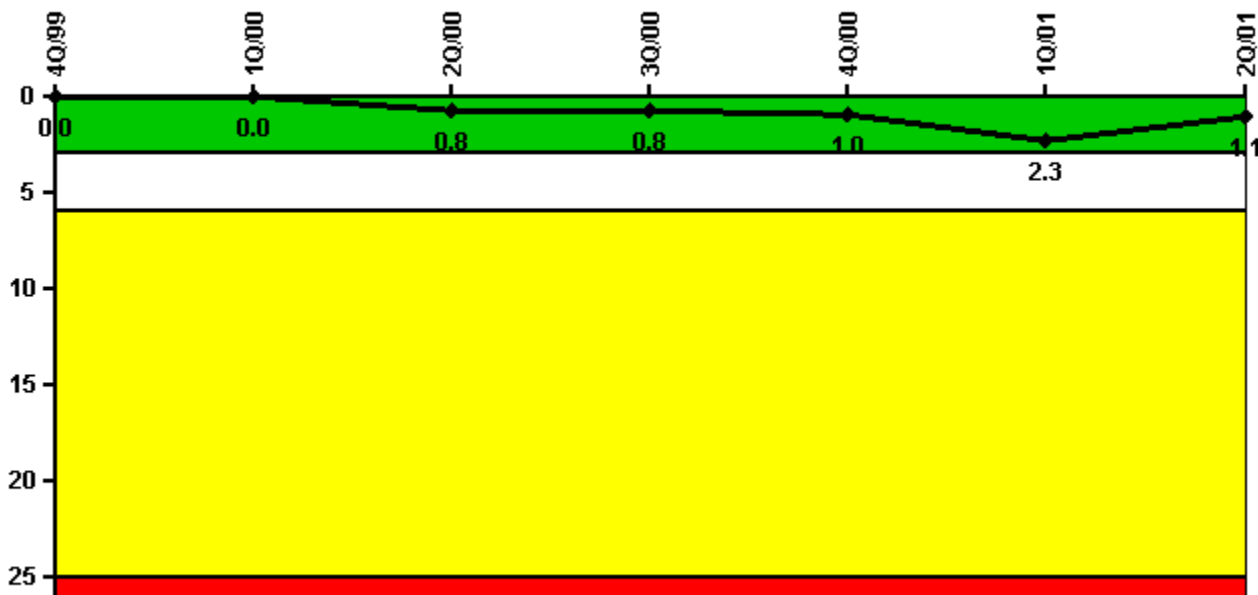
Last Modified: March 28, 2002

Seabrook 1

2Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	1.0	0	0	1.0	0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4	2183.0
Indicator value	0	0	0.8	0.8	1.0	2.3	1.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



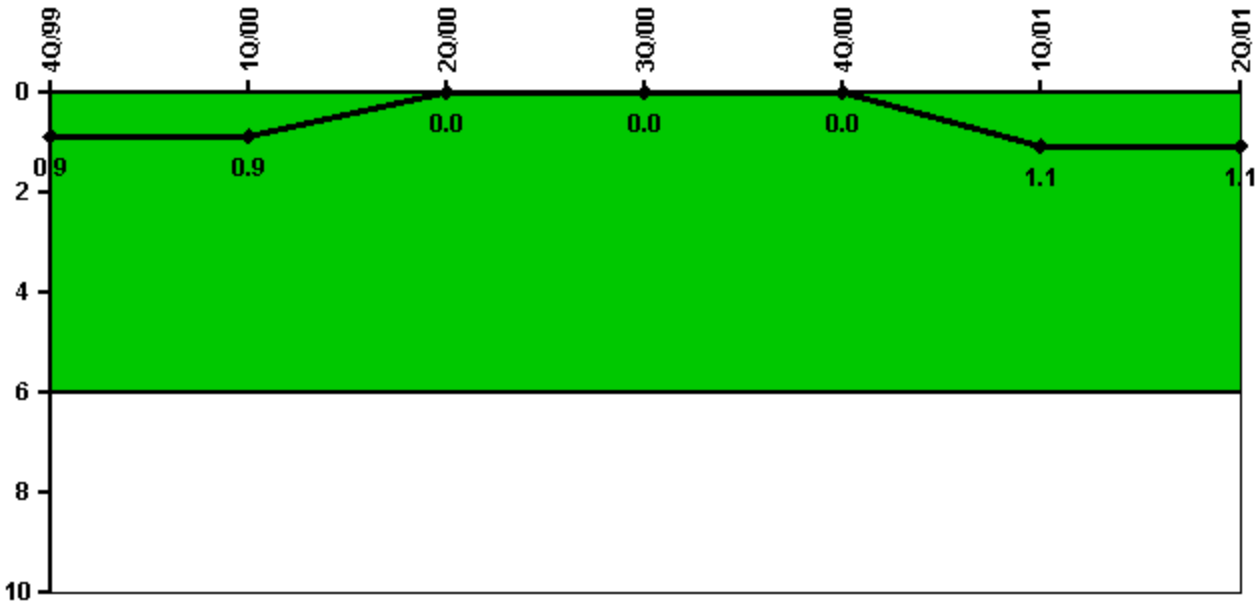
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	1.0	0
Indicator value	0	0	0	0	0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



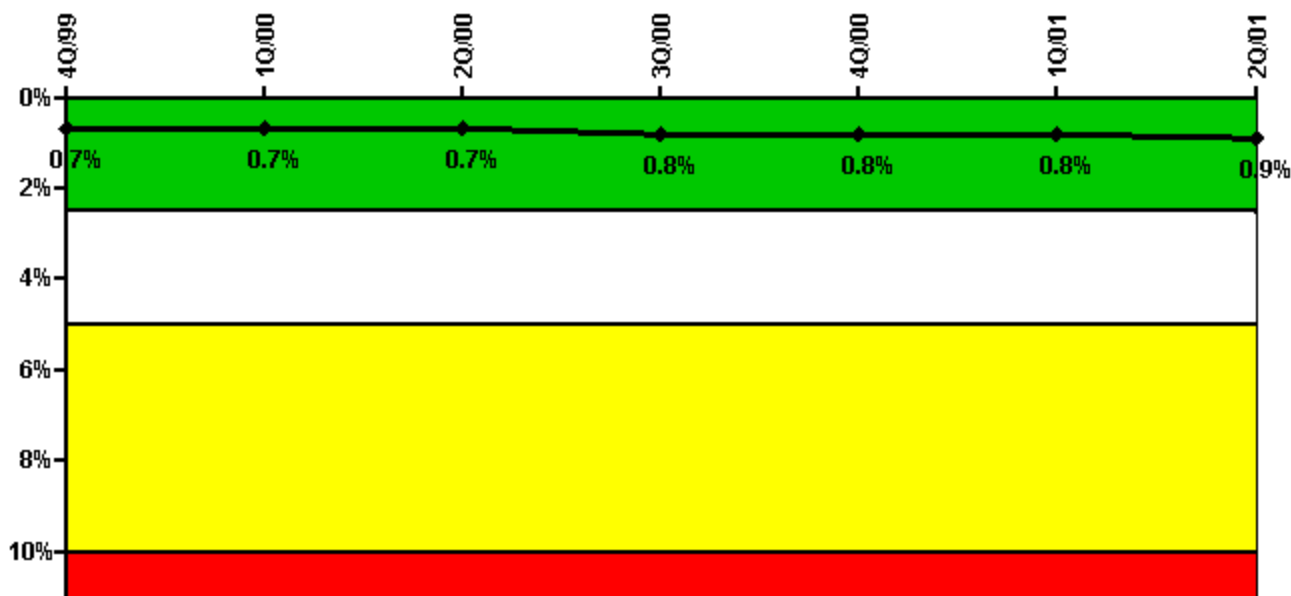
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	0	0	1.0	0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4	2183.0
Indicator value	0.9	0.9	0	0	0	1.1	1.1

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



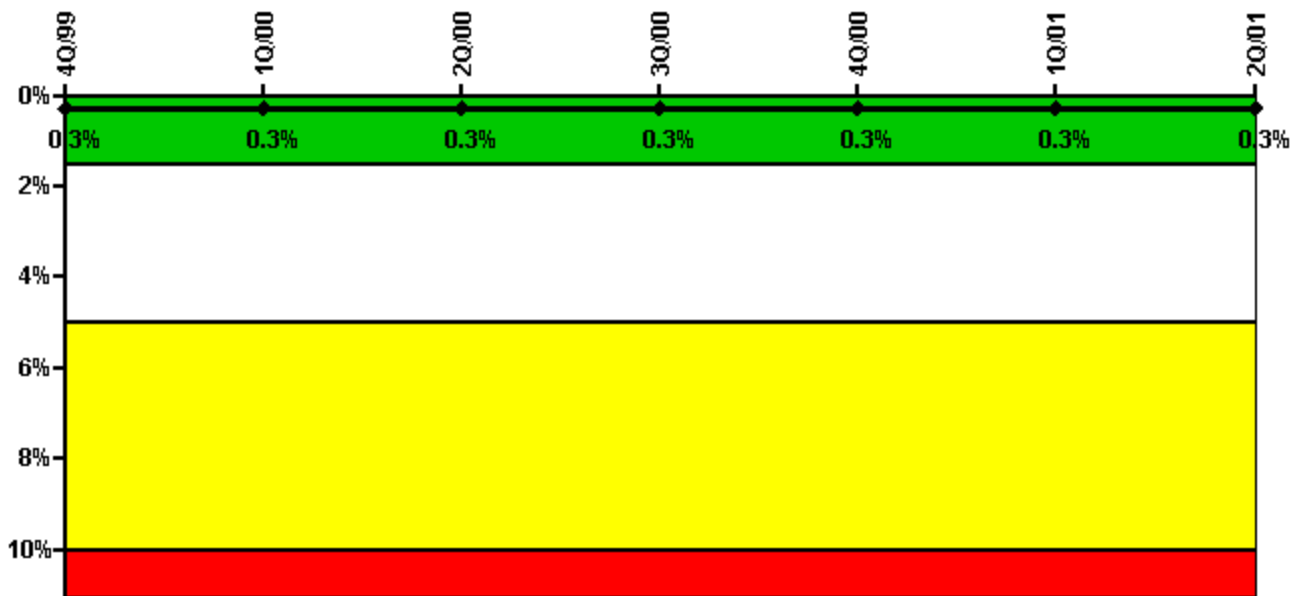
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	33.86	6.55	17.88	38.02	1.73	17.78	13.87
Unplanned unavailable hours	0	0	0	0	0	0	4.30
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1497.27	2150.80	2183.00
Train 2							
Planned unavailable hours	12.65	7.45	28.48	24.70	0	10.20	45.37
Unplanned unavailable hours	22.03	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	586.00	1608.60	2183.00
Indicator value	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

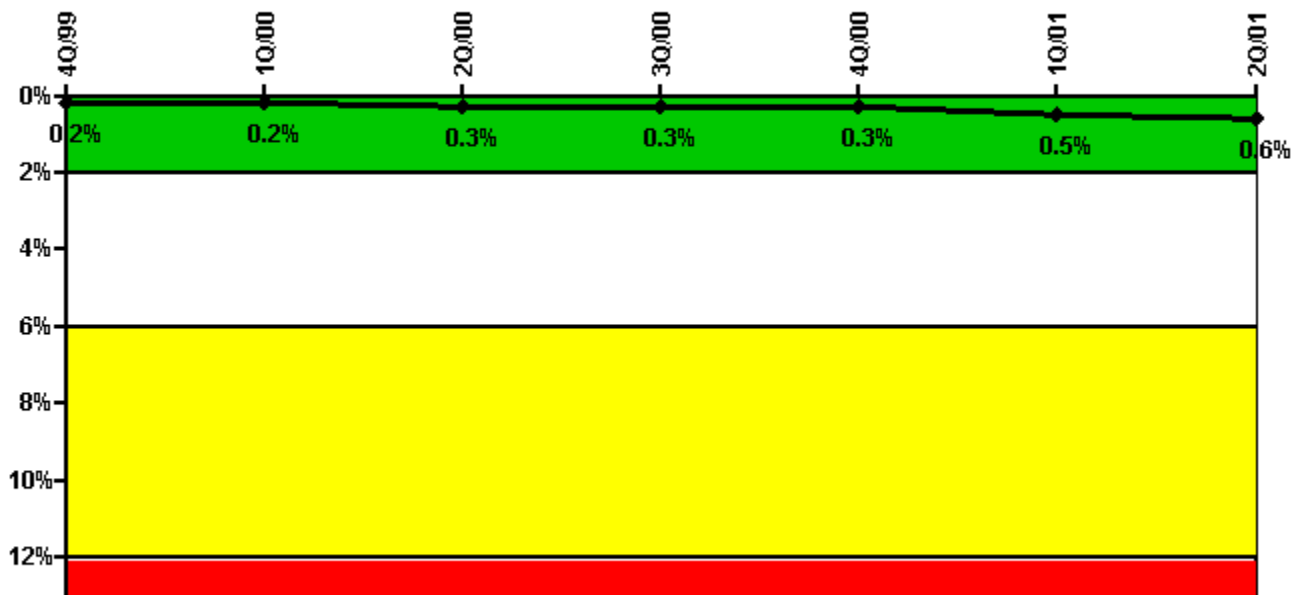
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.65	12.95	0.58	0	0	7.07	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20	2183.00
Train 2							
Planned unavailable hours	0	14.60	0	2.20	0	0	37.96
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20	2183.00
Train 3							
Planned unavailable hours	16.48	0	5.70	8.98	0	3.32	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00
Train 4							
Planned unavailable hours	16.02	12.00	1.95	0	0	0.72	13.70
Unplanned unavailable hours	0	0	0	0	0	0	0.10
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

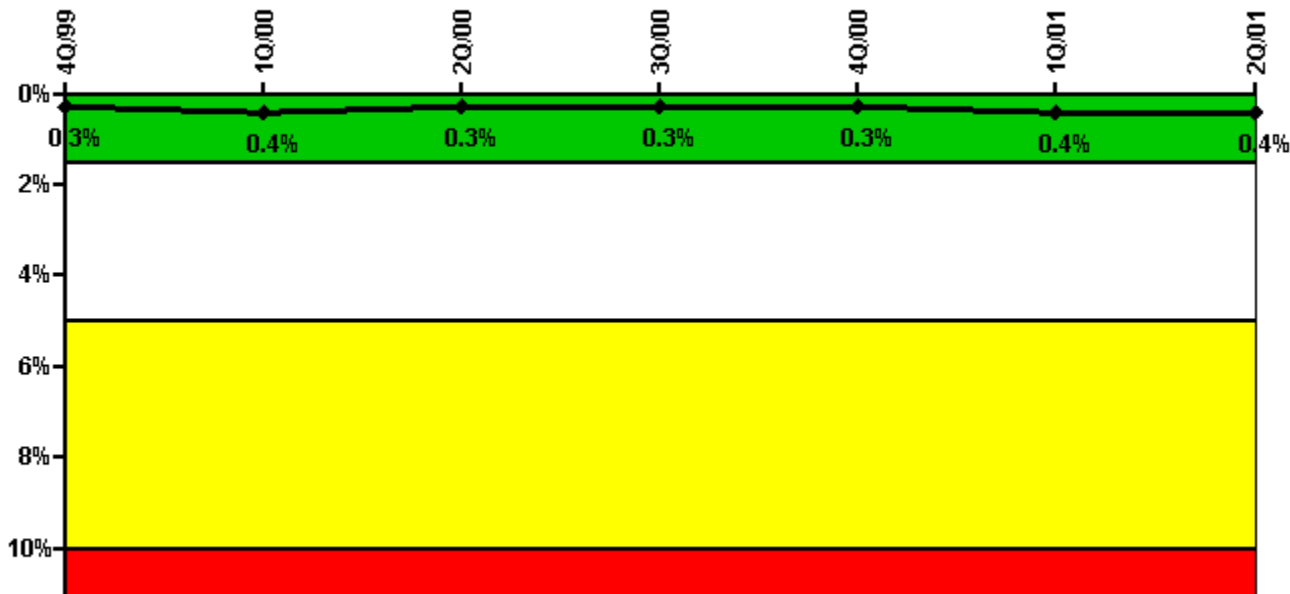
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0.33	17.10	0.62	0	15.46	43.71
Unplanned unavailable hours	0	0	0	0	0	28.52	0
Fault exposure hours	0	0	0	0	0	64.55	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00
Train 2							
Planned unavailable hours	0.53	1.10	13.70	0.57	0	5.10	20.04
Unplanned unavailable hours	0	0	0	0	0	0.38	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.5%	0.6%

Licensee Comments:

1Q/01: Fault Exposure Unavailability incurred due to failure of EFW Pp "A". Failure was due to overspeed trip on 3/5/01 at 23:25. Previous successful quarterly surveillance was on 2/28/01 at 14:20, 129.09 hours prior to the failure. One half of this interval is fault exposure time of 64.55 hours.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

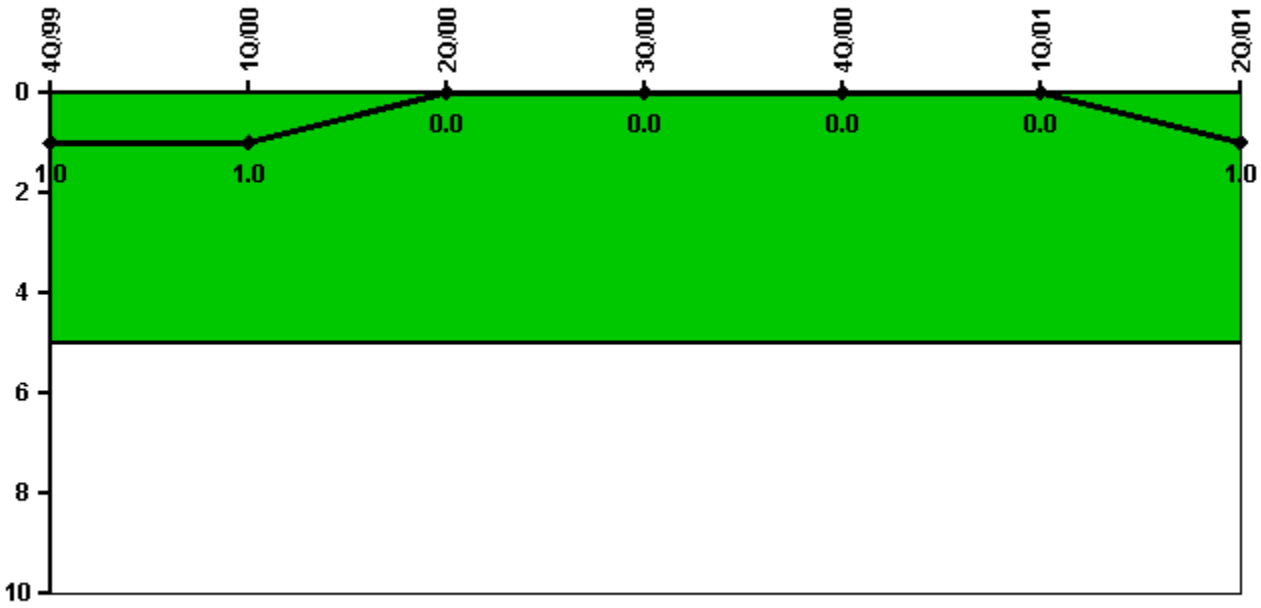
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	14.30	10.17	1.96	1.30	0.87	3.58	5.02
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00
Train 2							
Planned unavailable hours	7.82	11.61	1.76	10.28	0.77	12.06	11.50
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00
Indicator value	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



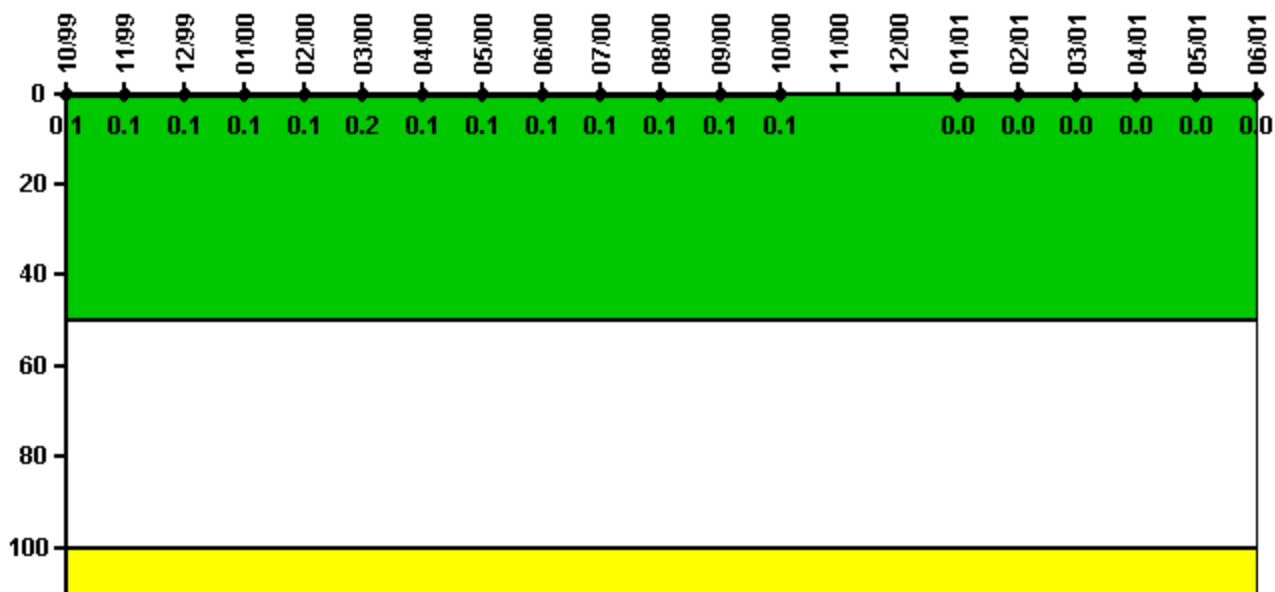
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	0	1
Indicator value	1	1	0	0	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

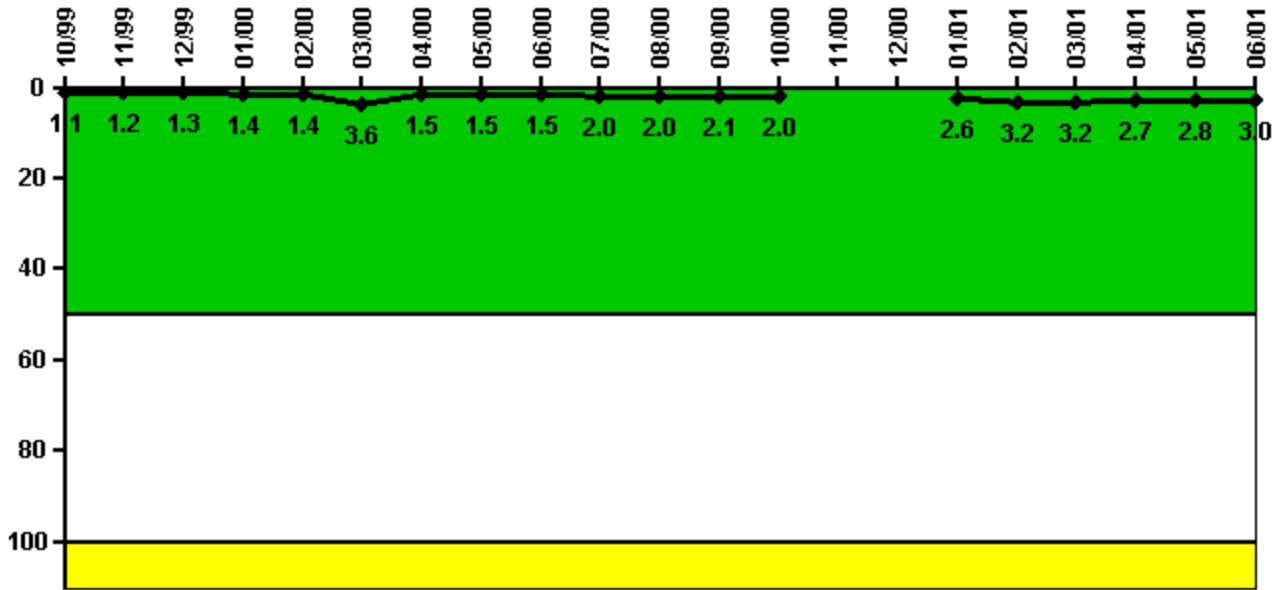
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000700	N/A	N/A	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	N/A	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

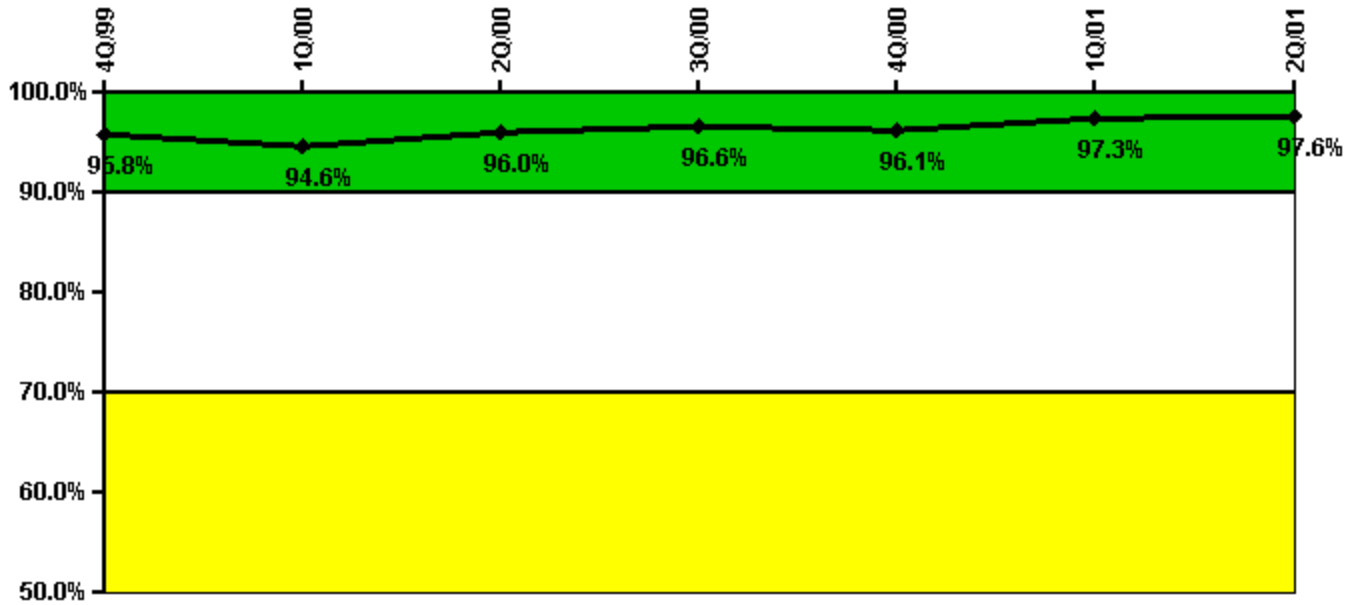
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.110	0.120	0.130	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.2	1.3	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.200	N/A	N/A	0.260	0.320	0.320	0.270	0.280	0.300
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	N/A	N/A	2.6	3.2	3.2	2.7	2.8	3.0

Licensee Comments: none

Drill/Exercise Performance



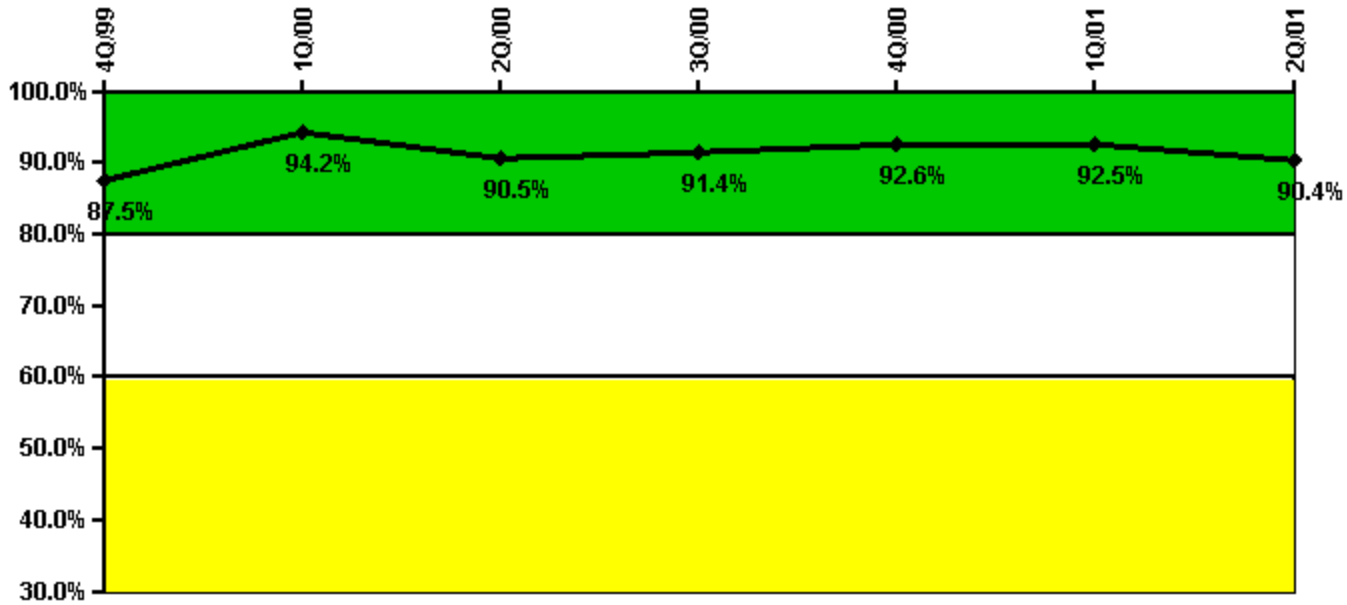
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	44.0	20.0	48.0	22.0	32.0	13.0	26.0
Total opportunities	45.0	22.0	48.0	22.0	34.0	13.0	26.0
Indicator value	95.8%	94.6%	96.0%	96.6%	96.1%	97.3%	97.6%

Licensee Comments: none

ERO Drill Participation



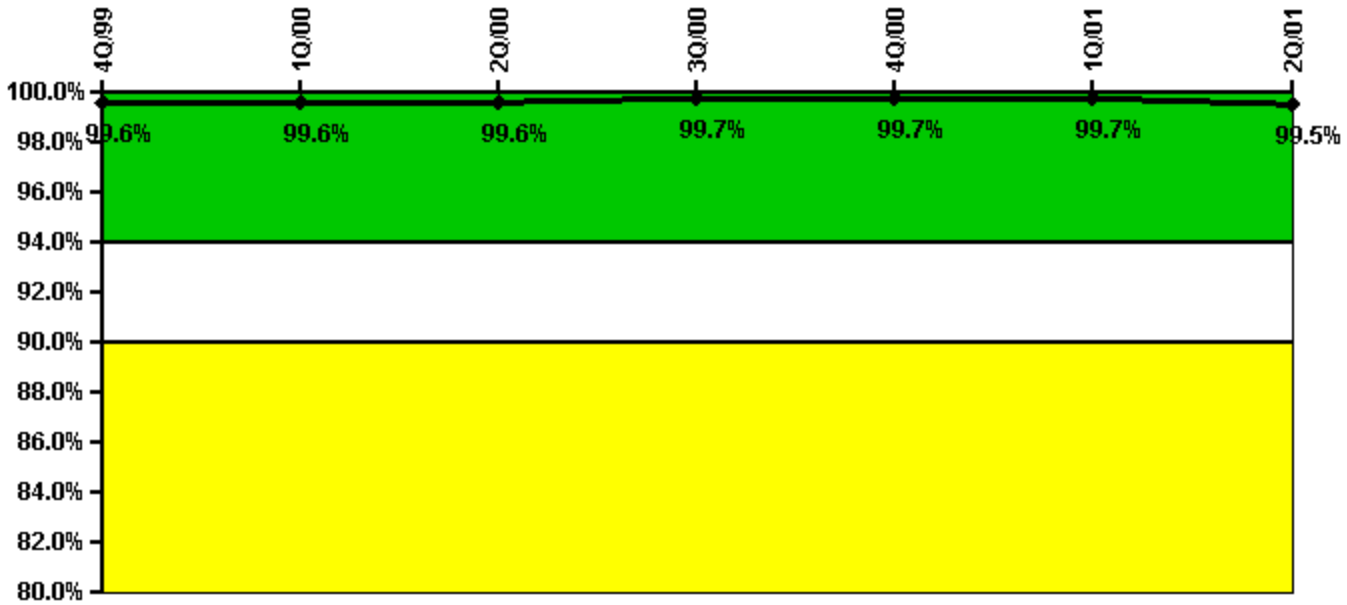
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	91.0	81.0	86.0	96.0	88.0	86.0	85.0
Total Key personnel	104.0	86.0	95.0	105.0	95.0	93.0	94.0
Indicator value	87.5%	94.2%	90.5%	91.4%	92.6%	92.5%	90.4%

Licensee Comments: none

Alert & Notification System



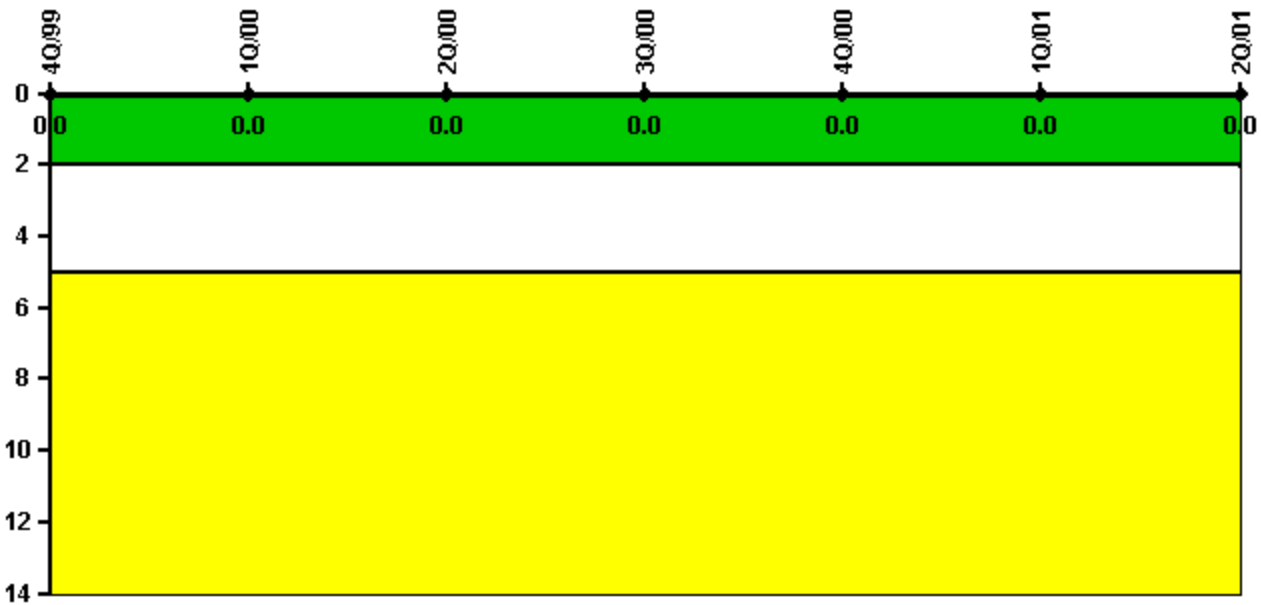
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	847	725	844	720	846	725	840
Total sirens-tests	847	726	847	726	847	726	847
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



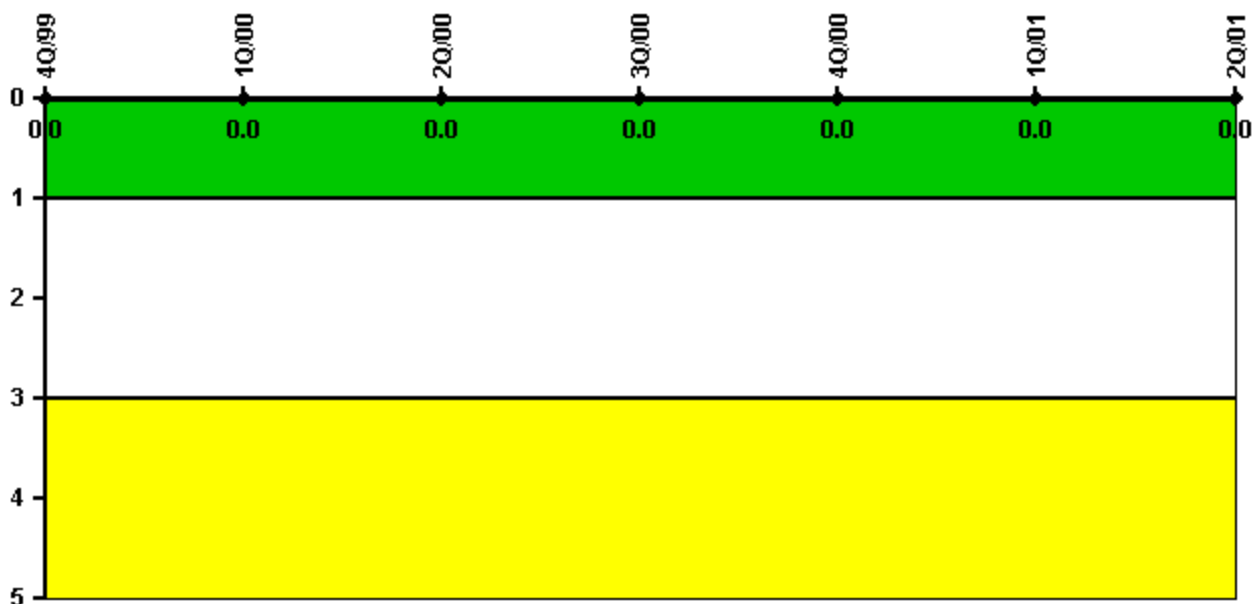
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



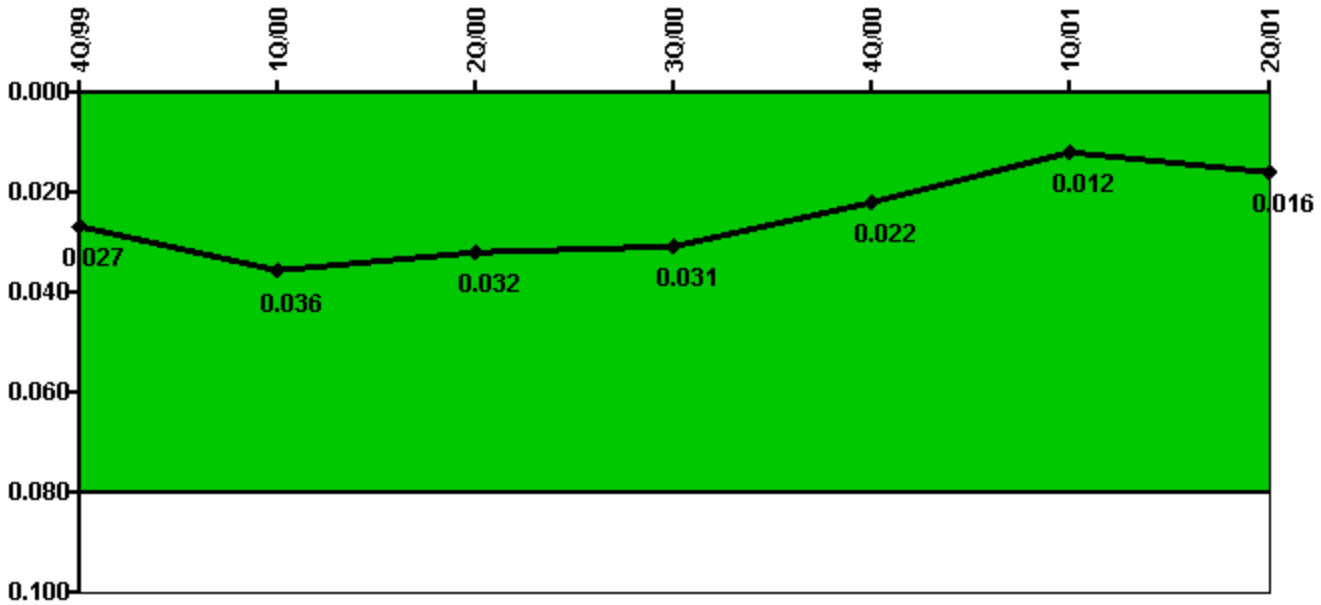
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



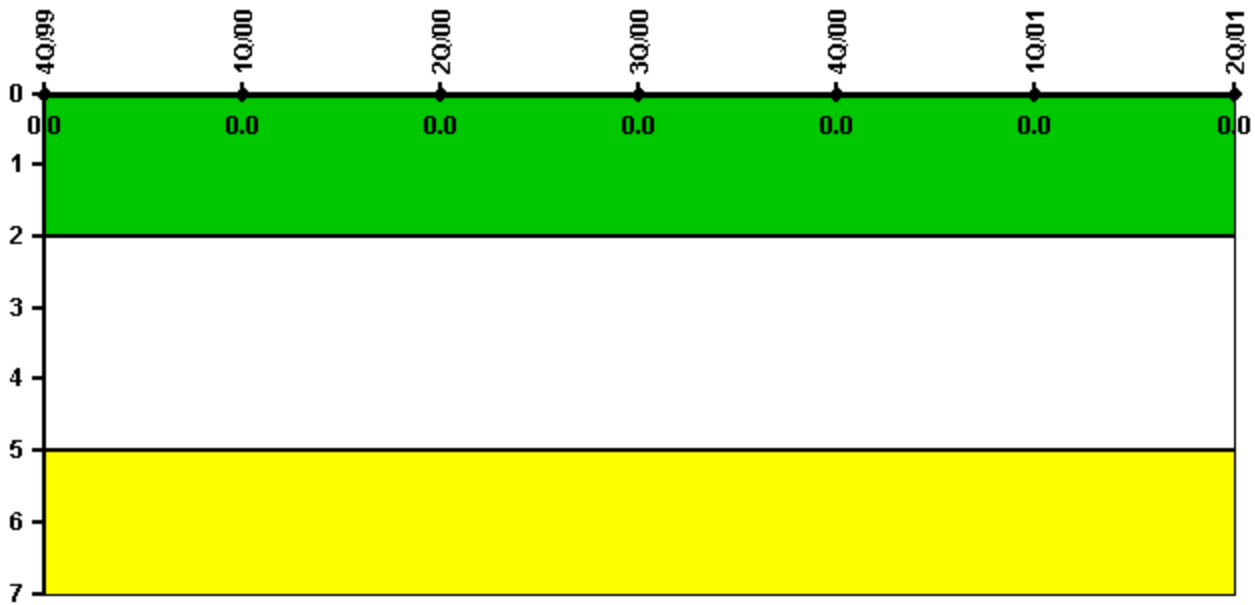
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	230.75	312.30	8.00	123.90	40.70	91.10	114.60
CCTV compensatory hours	0	16.4	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.036	0.032	0.031	0.022	0.012	0.016

Licensee Comments: none

Personnel Screening Program



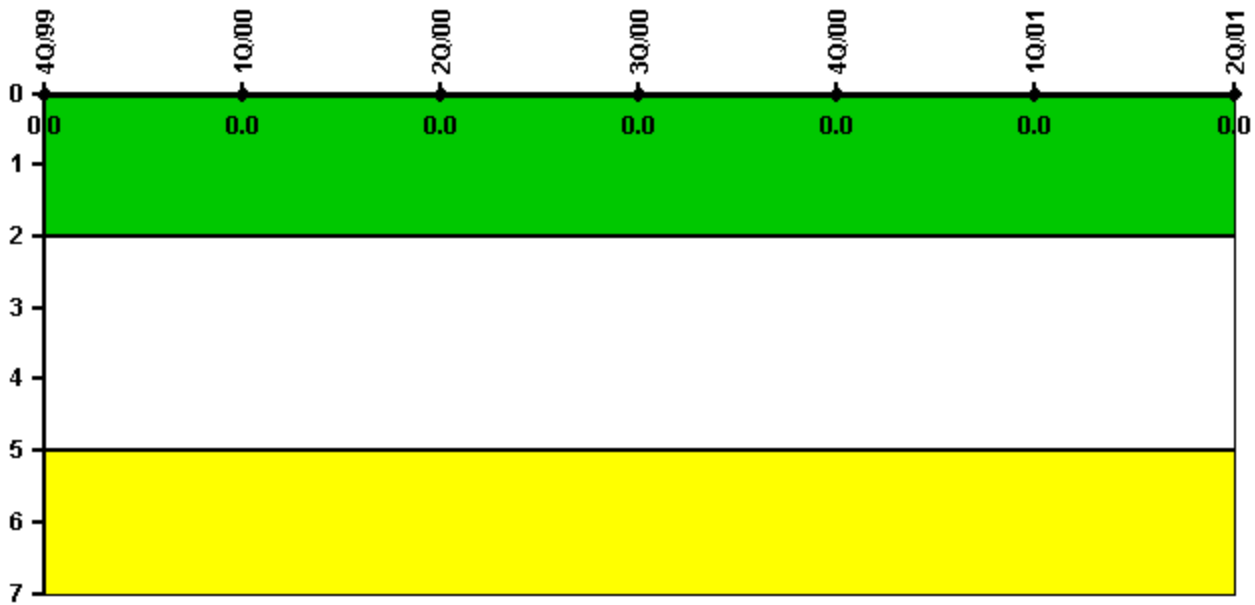
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program Failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

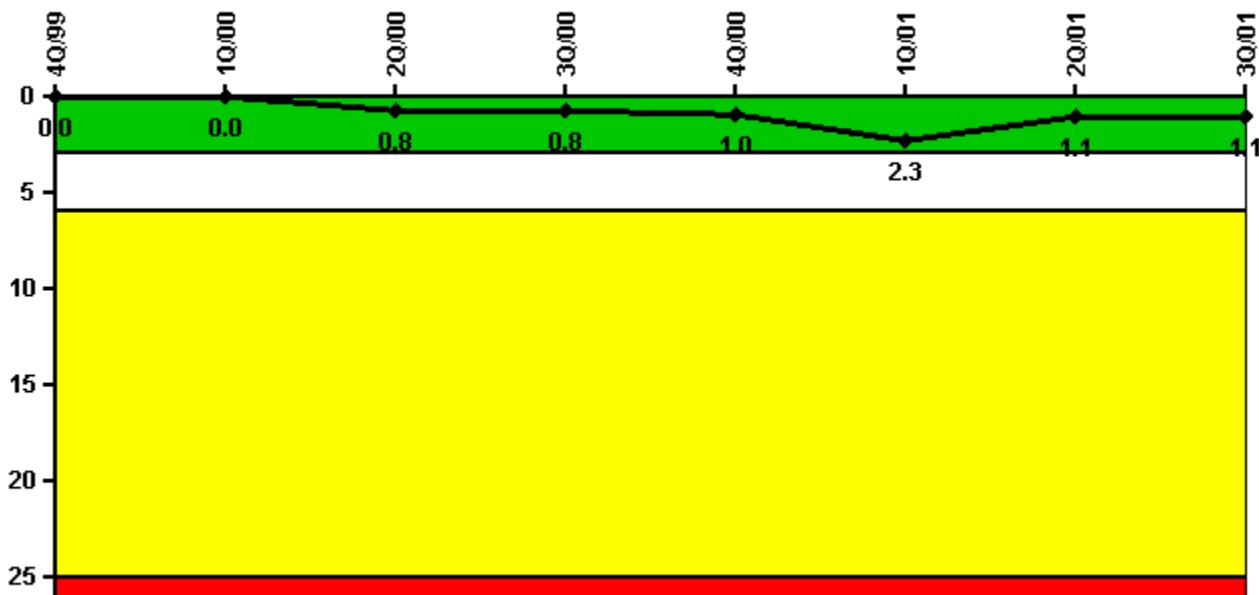
Last Modified: March 27, 2002

Seabrook 1

3Q/2001 Performance Indicators

Licensee's General Comments: NRC Performance Indicator Quarterly Submittal

Unplanned Scrams per 7000 Critical Hrs



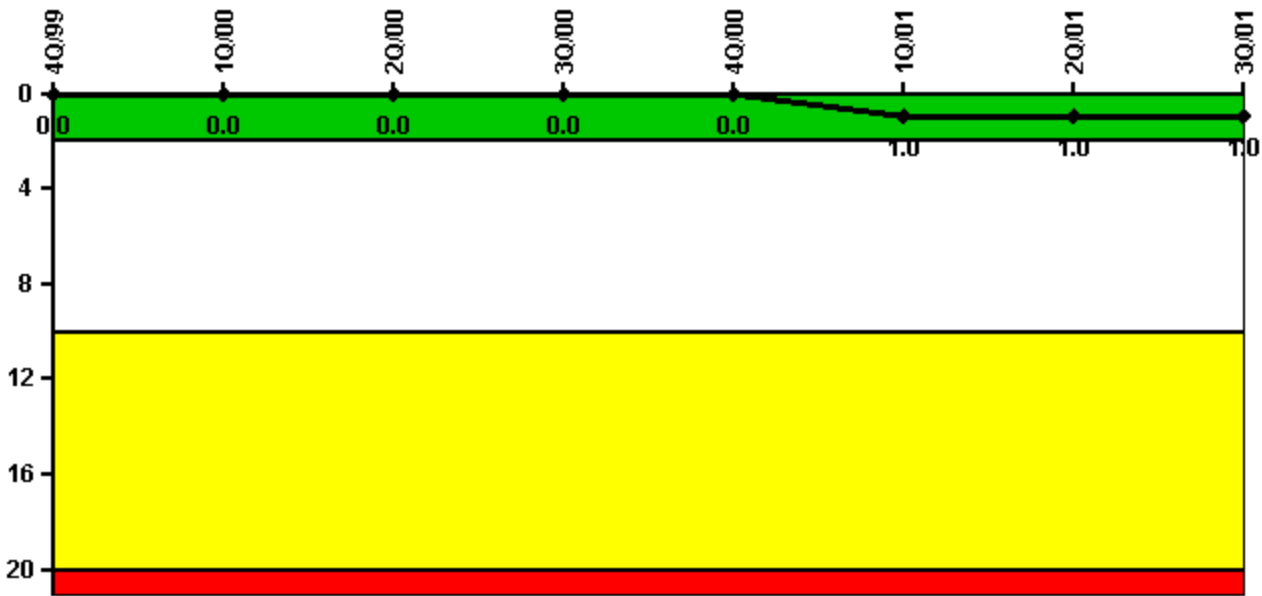
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4	2183.0	2208.0
Indicator value	0	0	0.8	0.8	1.0	2.3	1.1	1.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



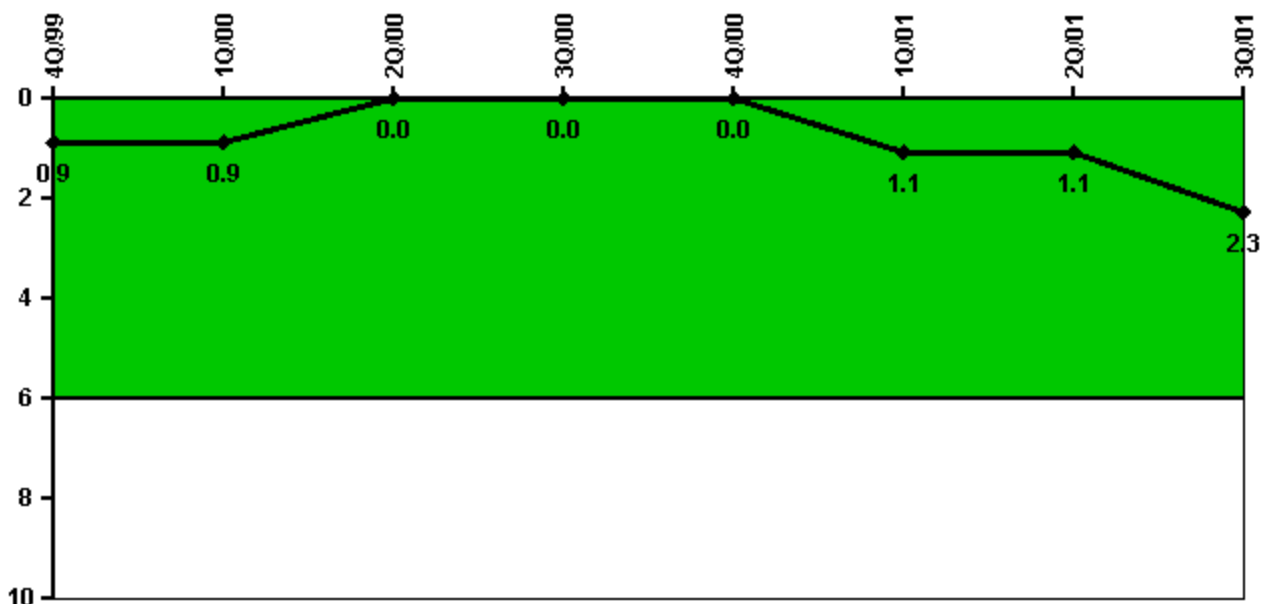
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	0	0	0	0	0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

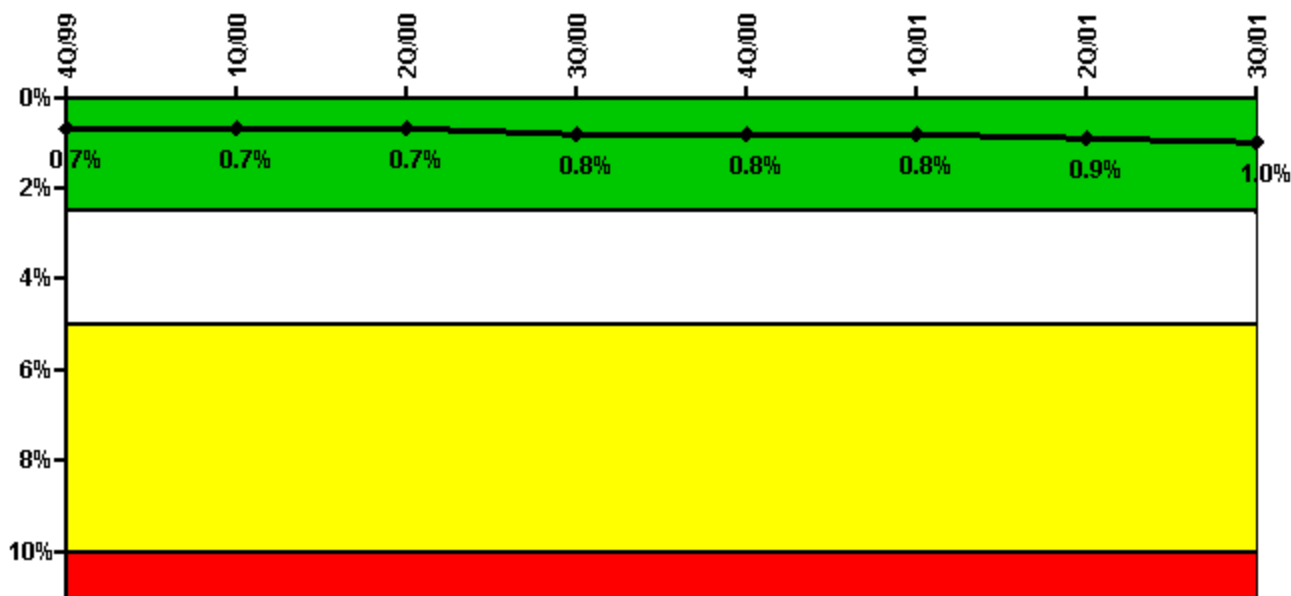
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2209.0	2149.6	2124.2	2208.0	483.9	1310.4	2183.0	2208.0
Indicator value	0.9	0.9	0	0	0	1.1	1.1	2.3

Licensee Comments:

3Q/01: Extraction Steam Line Leak/Heater Drain Controller

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

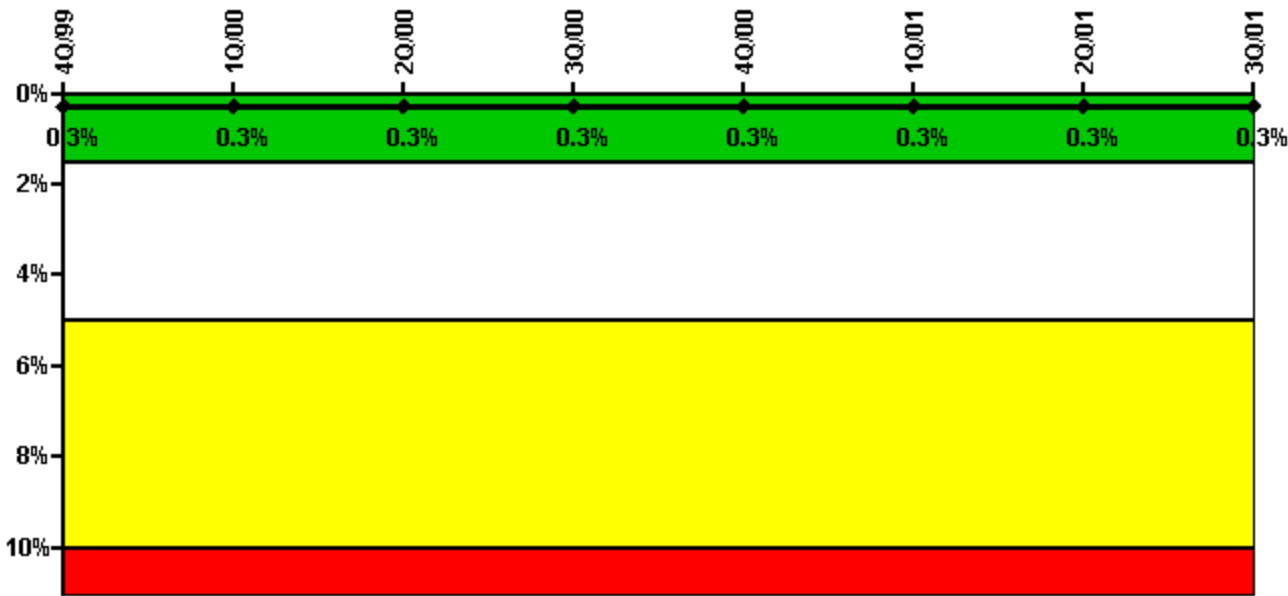
Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	33.86	6.55	17.88	38.02	1.73	17.78	13.87	1.70
Unplanned unavailable hours	0	0	0	0	0	0	4.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1497.27	2150.80	2183.00	2208.00
Train 2								
Planned unavailable hours	12.65	7.45	28.48	24.70	0	10.20	45.37	35.00
Unplanned unavailable hours	22.03	0	0	0	0	0	0	27.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	586.00	1608.60	2183.00	2208.00
Indicator value	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%

Licensee Comments:

3Q/01: DG lubeoil spill resulted in 27.2 unplanned unavailable hours; cause is still under investigation.

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

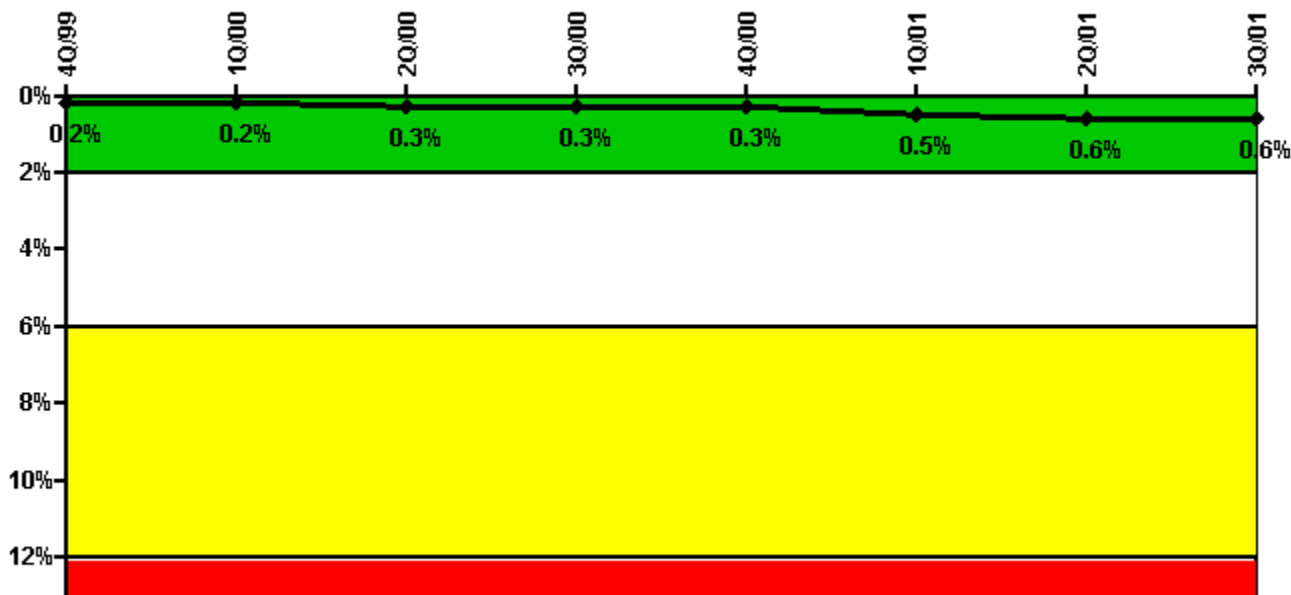
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.65	12.95	0.58	0	0	7.07	0	17.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20	2183.00	2208.00
Train 2								
Planned unavailable hours	0	14.60	0	2.20	0	0	37.96	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1697.20	2183.00	2208.00
Train 3								
Planned unavailable hours	16.48	0	5.70	8.98	0	3.32	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00
Train 4								
Planned unavailable hours	16.02	12.00	1.95	0	0	0.72	13.70	26.80
Unplanned unavailable hours	0	0	0	0	0	0	0.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

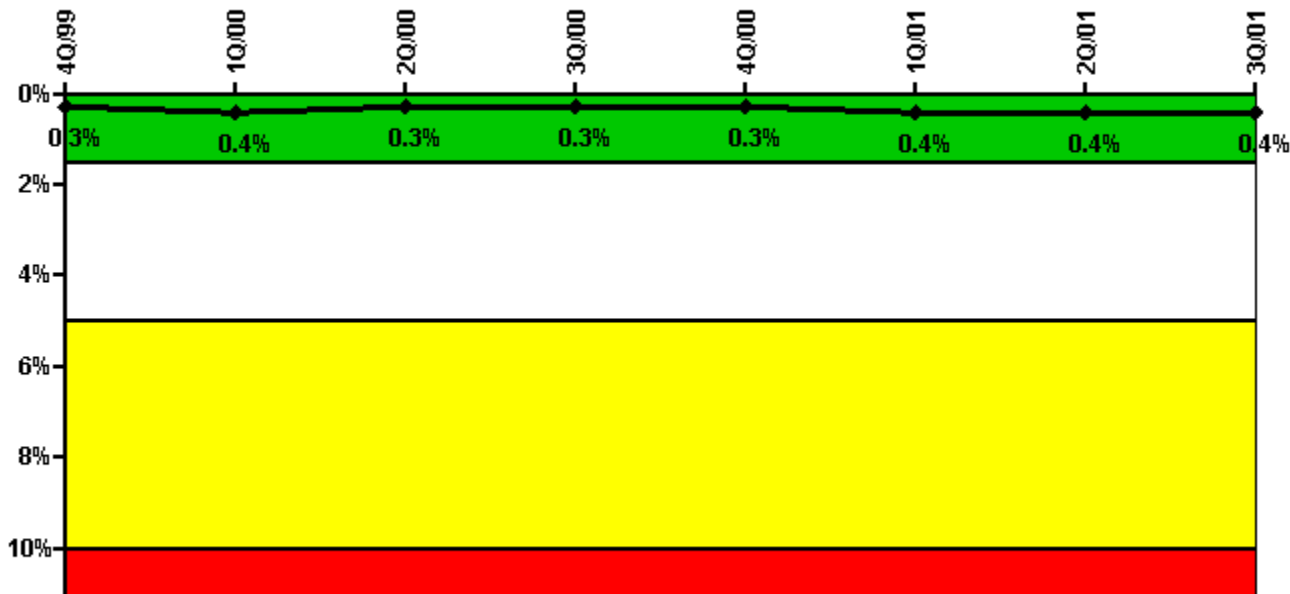
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0.33	17.10	0.62	0	15.46	43.71	20.00
Unplanned unavailable hours	0	0	0	0	0	28.52	0	0
Fault exposure hours	0	0	0	0	0	64.55	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.53	1.10	13.70	0.57	0	5.10	20.04	1.90
Unplanned unavailable hours	0	0	0	0	0	0.38	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.5%	0.6%	0.6%

Licensee Comments:

1Q/01: Fault Exposure Unavailability incurred due to failure of EFW Pp "A". Failure was due to overspeed trip on 3/5/01 at 23:25. Previous successful quarterly surveillance was on 2/28/01 at 14:20, 129.09 hours prior to the failure. One half of this interval is fault exposure time of 64.55 hours.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

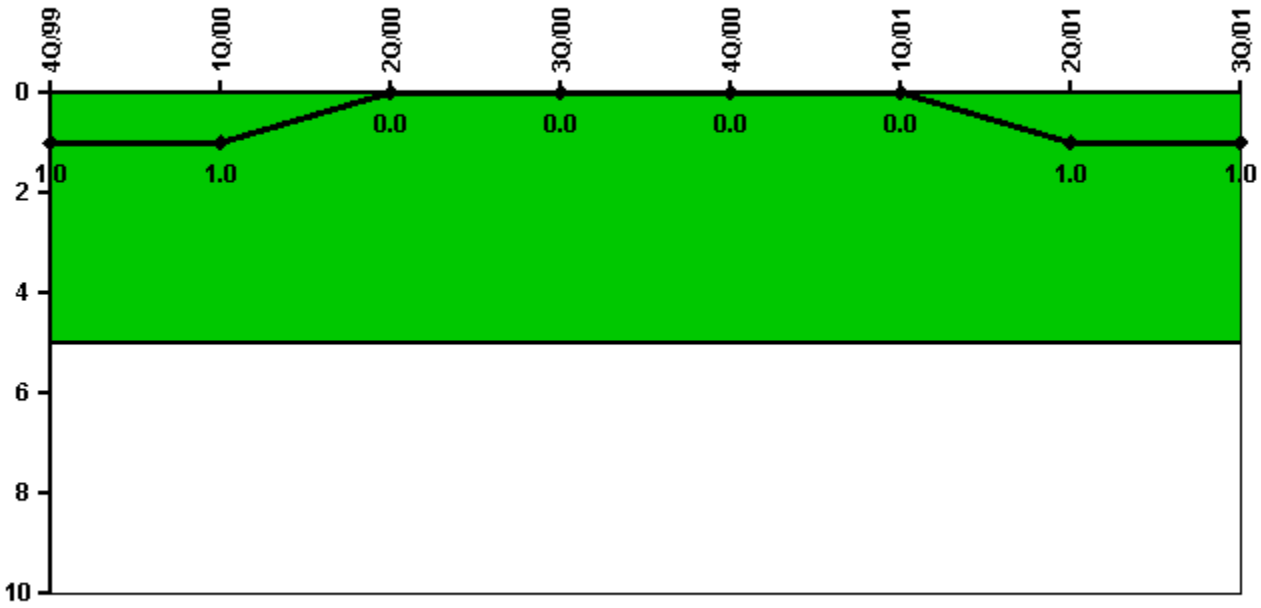
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	14.30	10.17	1.96	1.30	0.87	3.58	5.02	15.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00
Train 2								
Planned unavailable hours	7.82	11.61	1.76	10.28	0.77	12.06	11.50	2.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00
Indicator value	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments:

2Q/00: Number of planned unavailable hours adjusted to account for time equipment was in pull to lock.

Safety System Functional Failures (PWR)



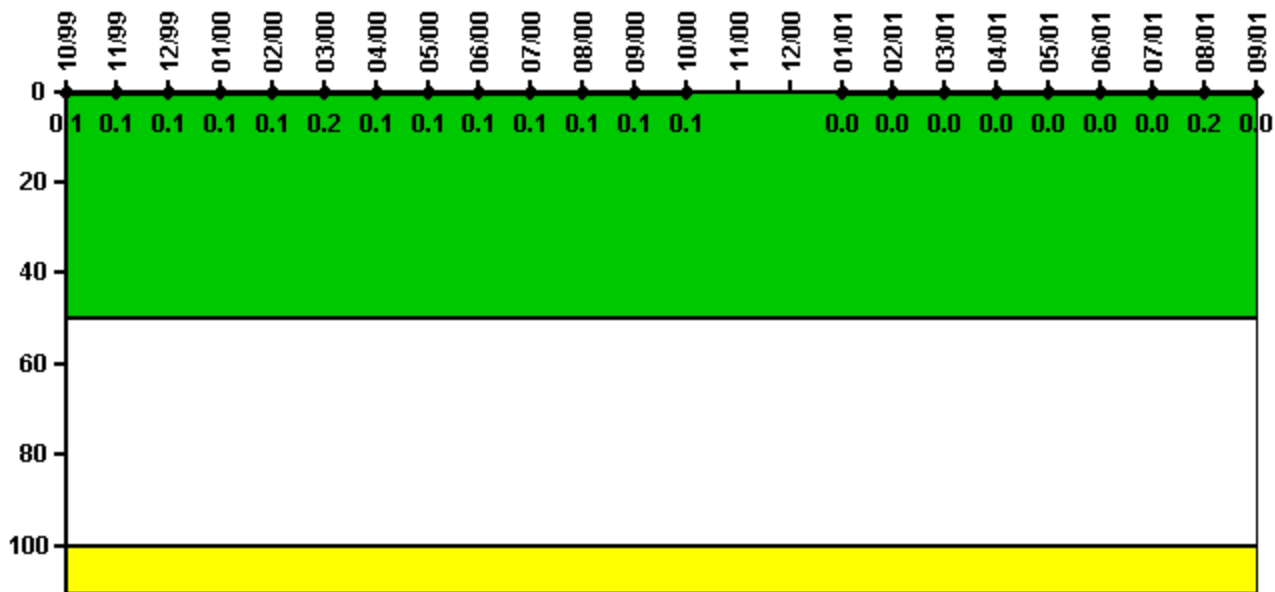
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	1	1	0	0	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

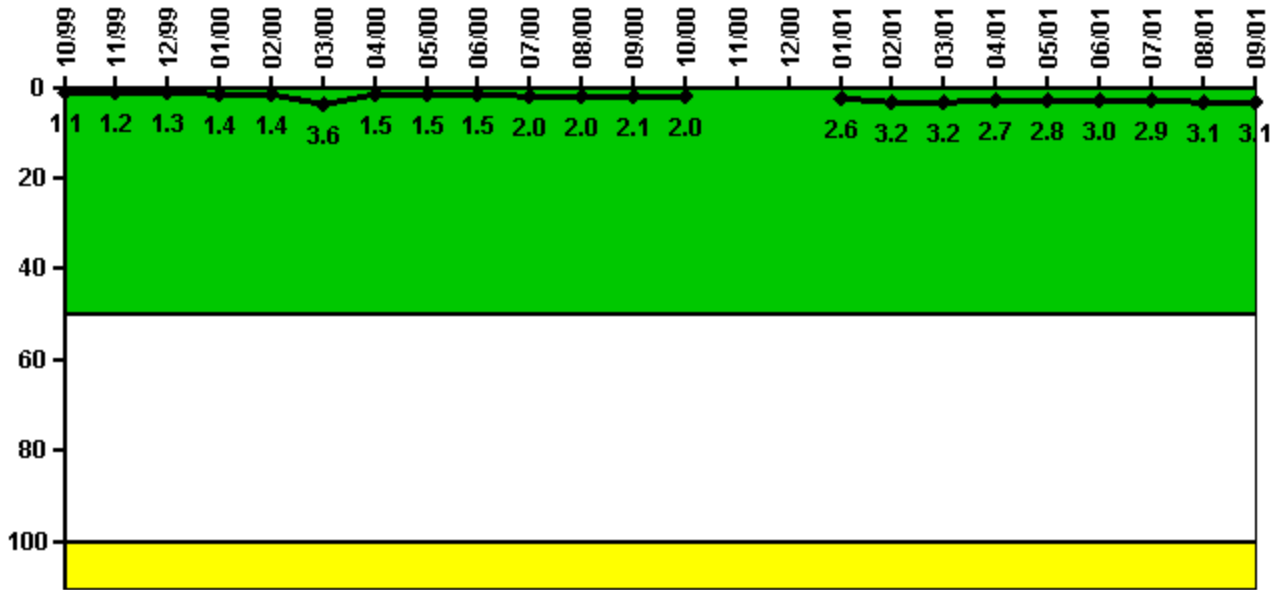
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000600	0.000600	0.000600	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000700	N/A	N/A	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440	0.000332	0.001940	0.000300
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	N/A	0	0	0	0	0	0	0	0.2	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

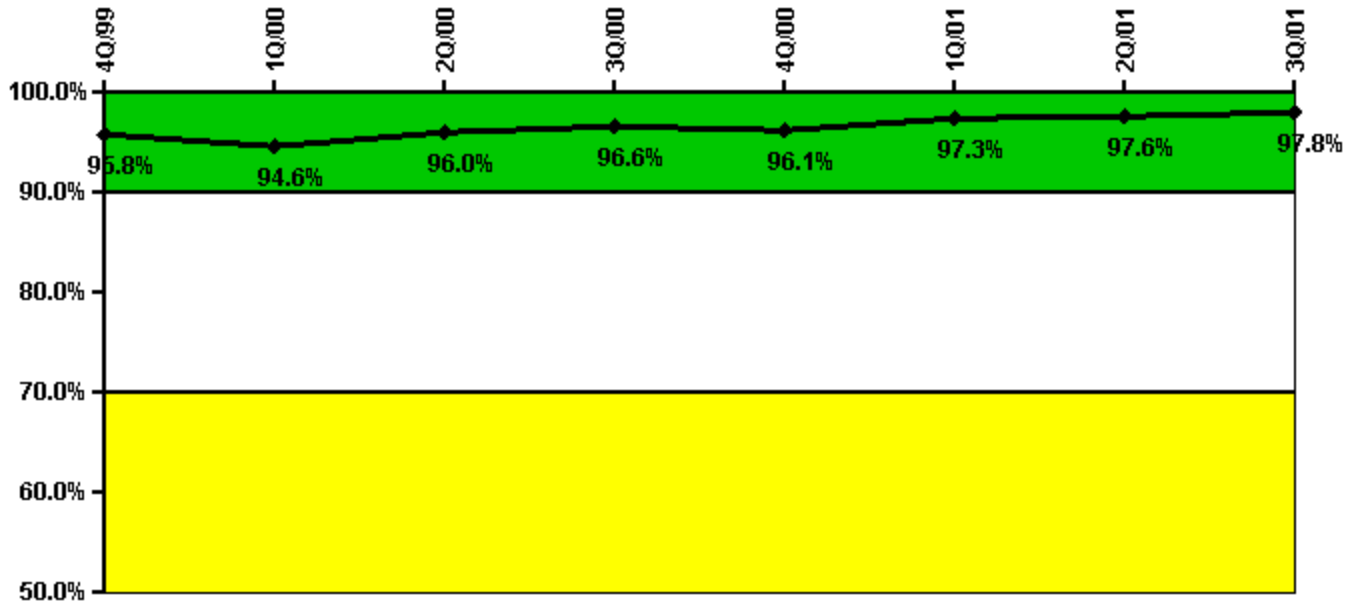
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.110	0.120	0.130	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.2	1.3	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.200	N/A	N/A	0.260	0.320	0.320	0.270	0.280	0.300	0.290	0.310	0.310
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	N/A	N/A	2.6	3.2	3.2	2.7	2.8	3.0	2.9	3.1	3.1

Licensee Comments: none

Drill/Exercise Performance



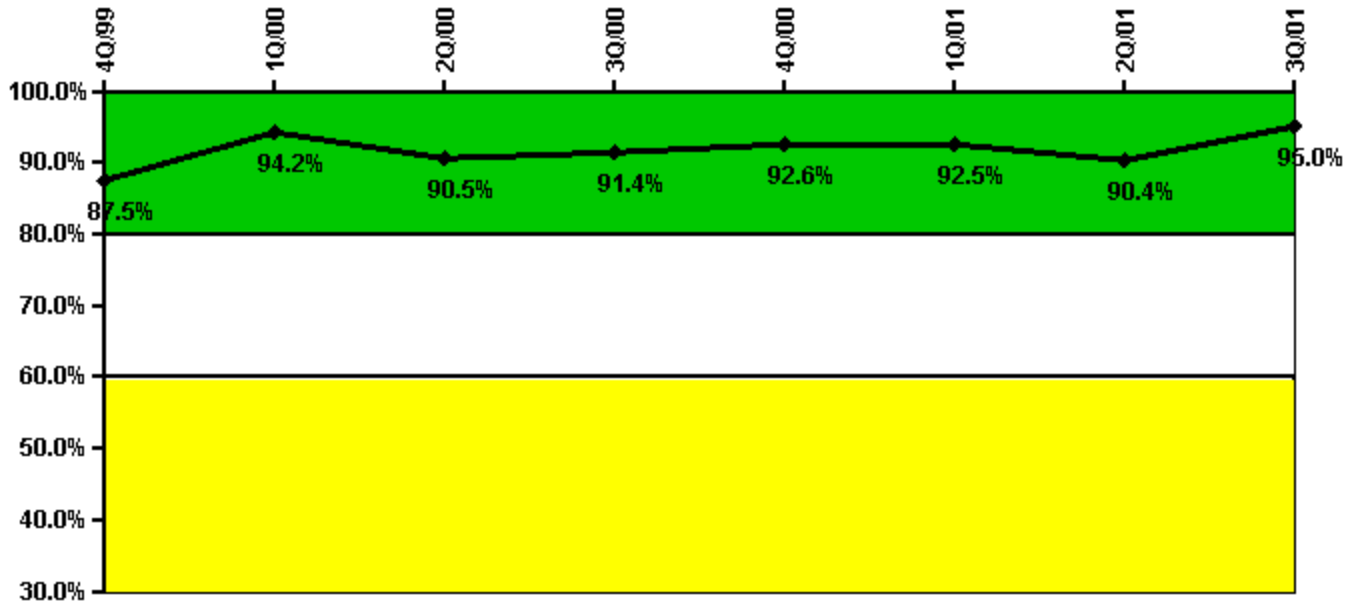
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	44.0	20.0	48.0	22.0	32.0	13.0	26.0	20.0
Total opportunities	45.0	22.0	48.0	22.0	34.0	13.0	26.0	20.0
Indicator value	95.8%	94.6%	96.0%	96.6%	96.1%	97.3%	97.6%	97.8%

Licensee Comments: none

ERO Drill Participation



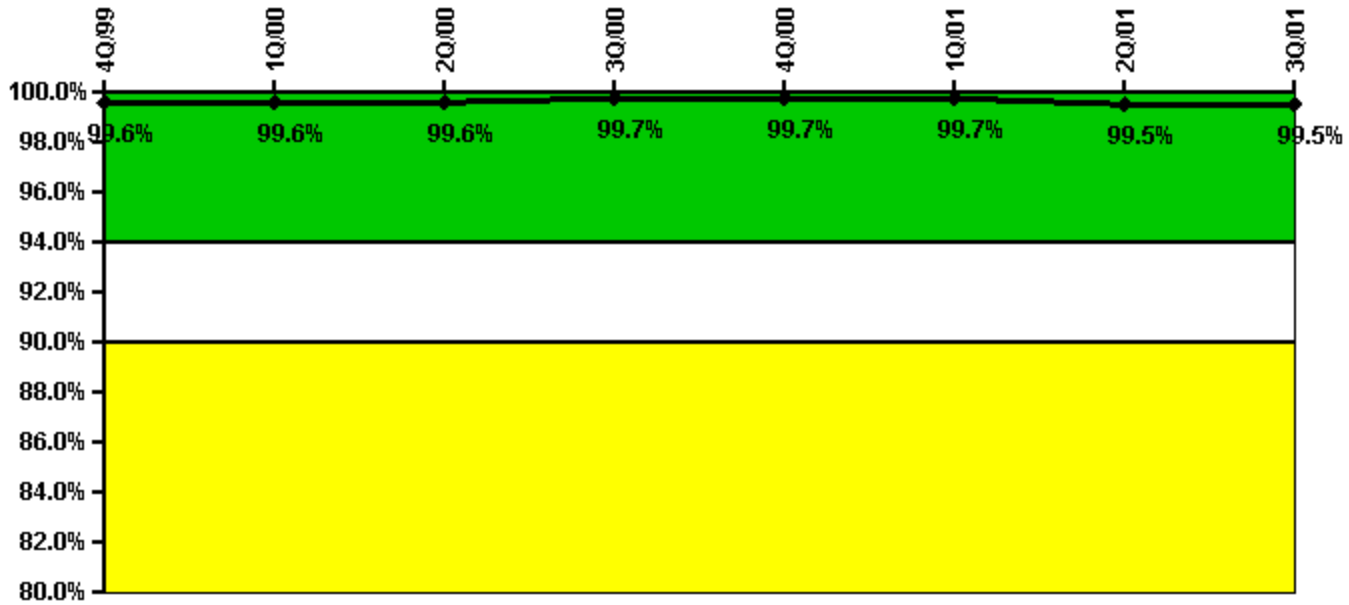
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	91.0	81.0	86.0	96.0	88.0	86.0	85.0	76.0
Total Key personnel	104.0	86.0	95.0	105.0	95.0	93.0	94.0	80.0
Indicator value	87.5%	94.2%	90.5%	91.4%	92.6%	92.5%	90.4%	95.0%

Licensee Comments: none

Alert & Notification System



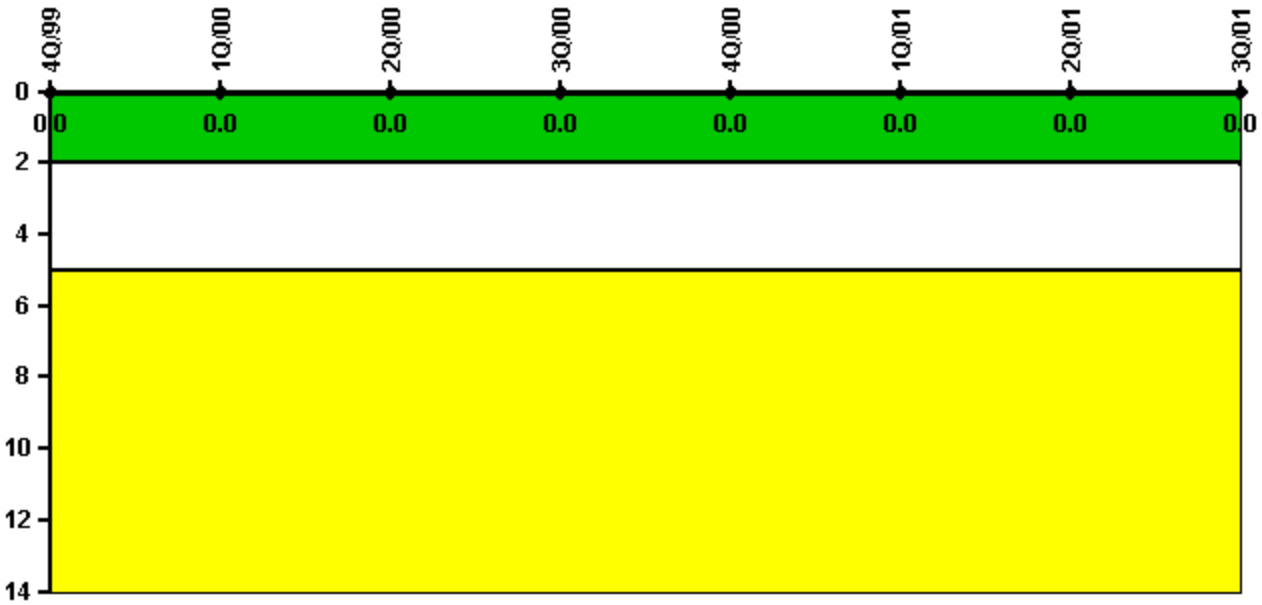
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	847	725	844	720	846	725	840	720
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



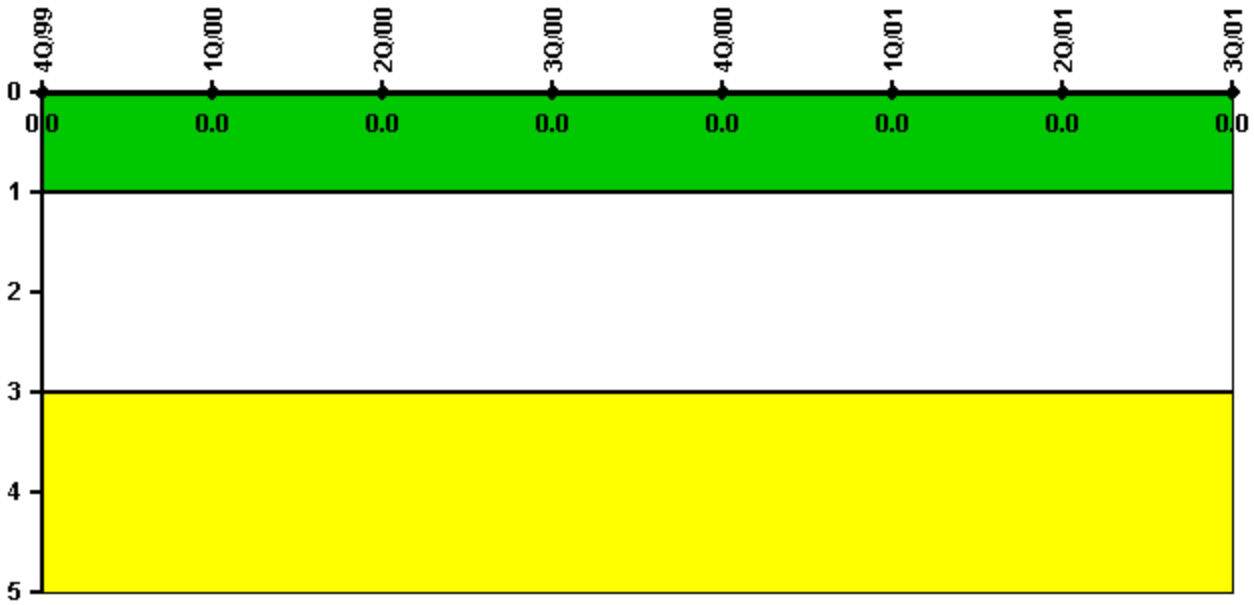
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



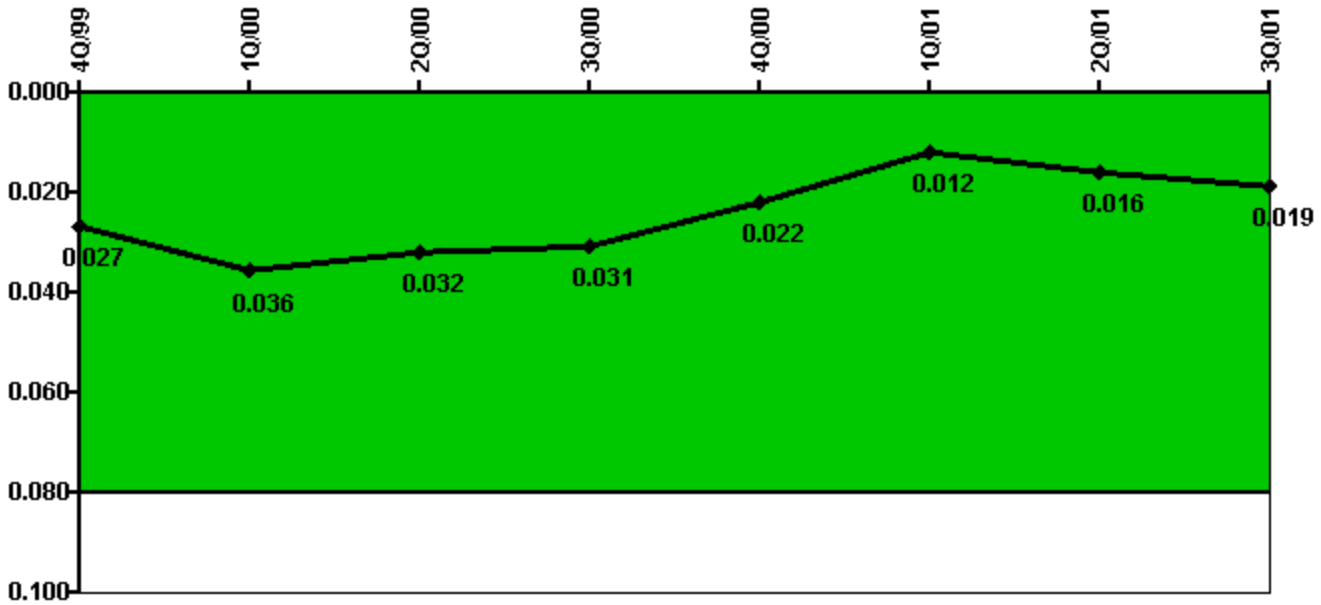
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



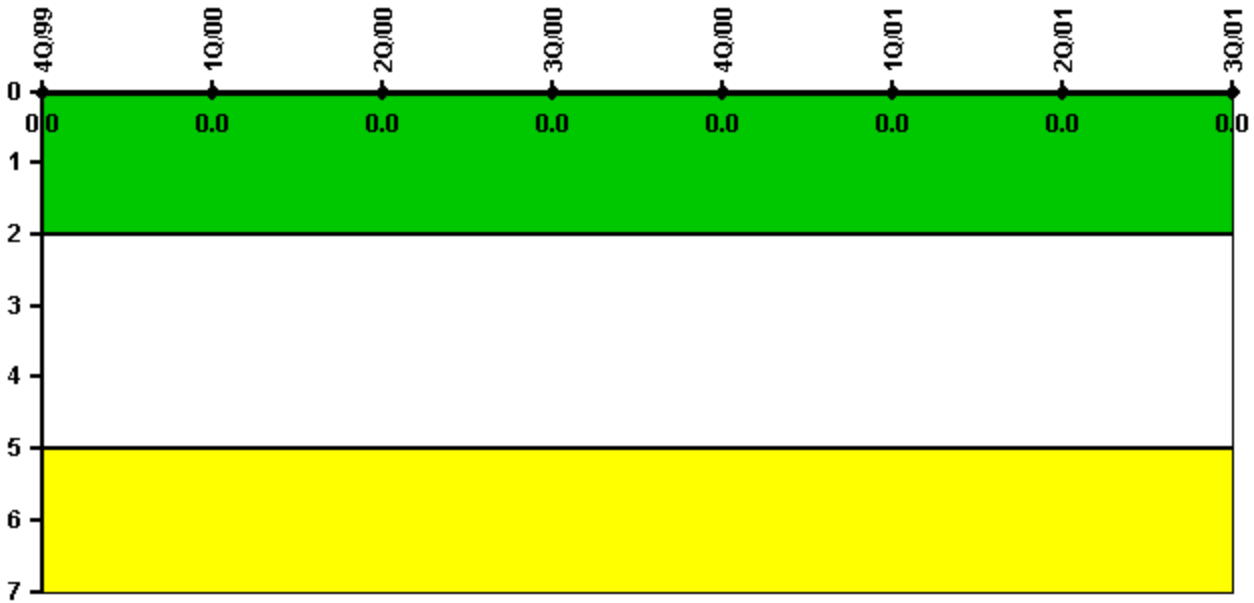
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	230.75	312.30	8.00	123.90	40.70	91.10	114.60	187.30
CCTV compensatory hours	0	16.4	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.036	0.032	0.031	0.022	0.012	0.016	0.019

Licensee Comments: none

Personnel Screening Program



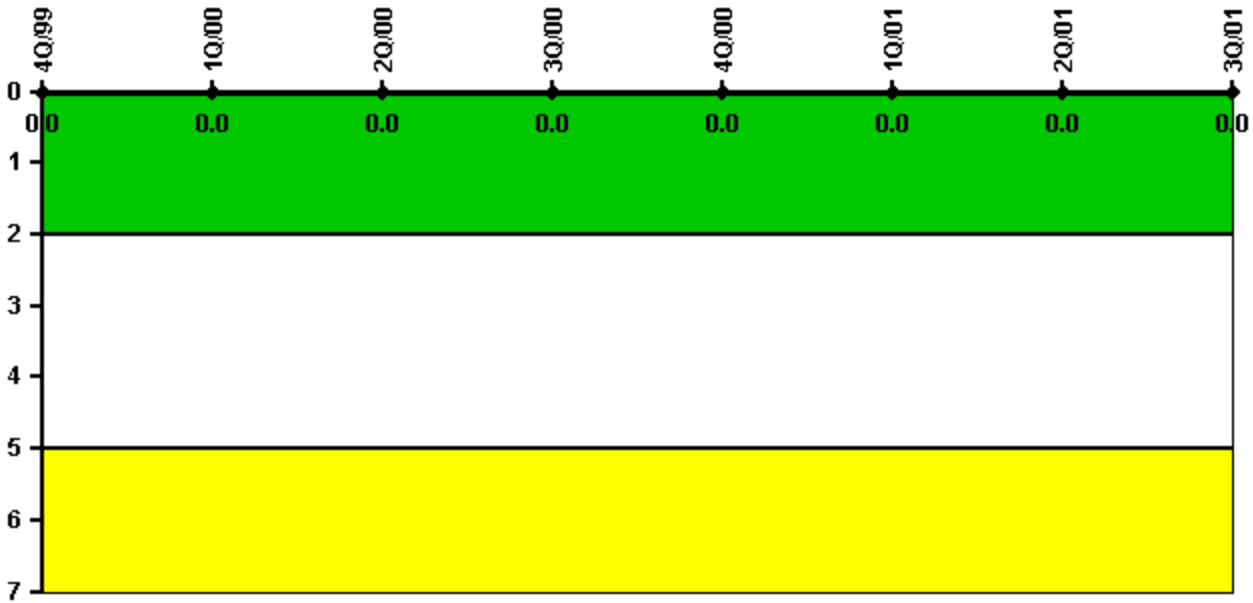
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

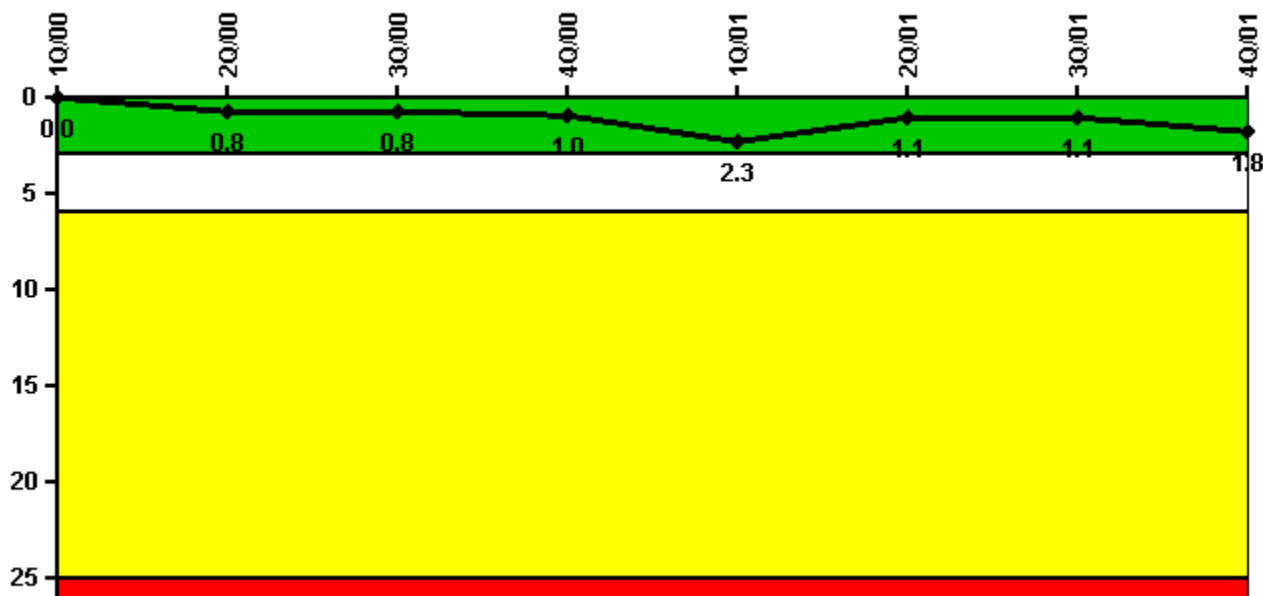
Last Modified: March 26, 2002

Seabrook 1

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

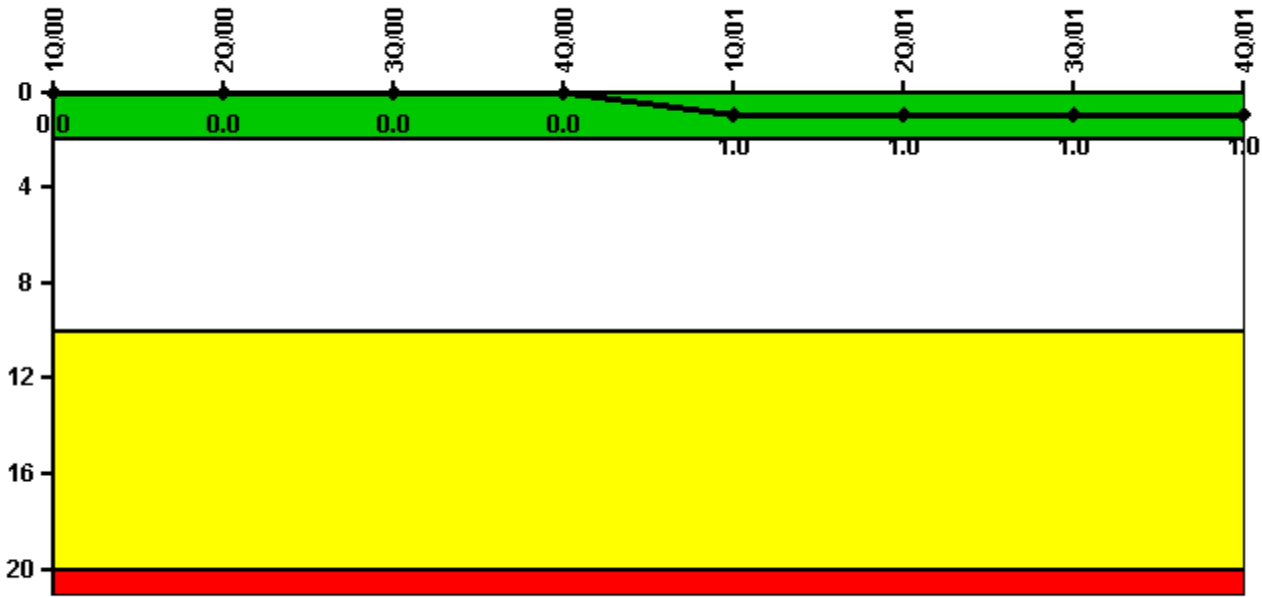
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	1.0	0	0	1.0	0	0	1.0
Critical hours	2149.6	2124.2	2208.0	483.9	1310.4	2183.0	2208.0	2108.0
Indicator value	0	0.8	0.8	1.0	2.3	1.1	1.1	1.8

Licensee Comments:

4Q/01: RX Negative Rate Trip on Dropped Control Rod during surveillance testing on 10/15/2001.

Scrams with Loss of Normal Heat Removal



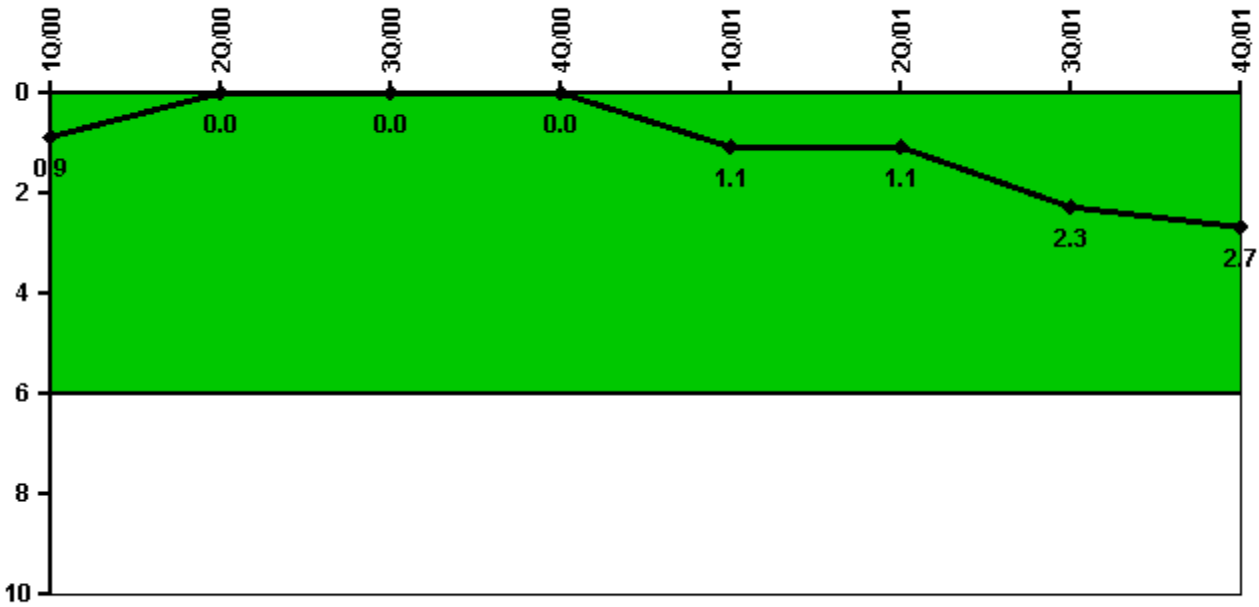
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	0	0	0	0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

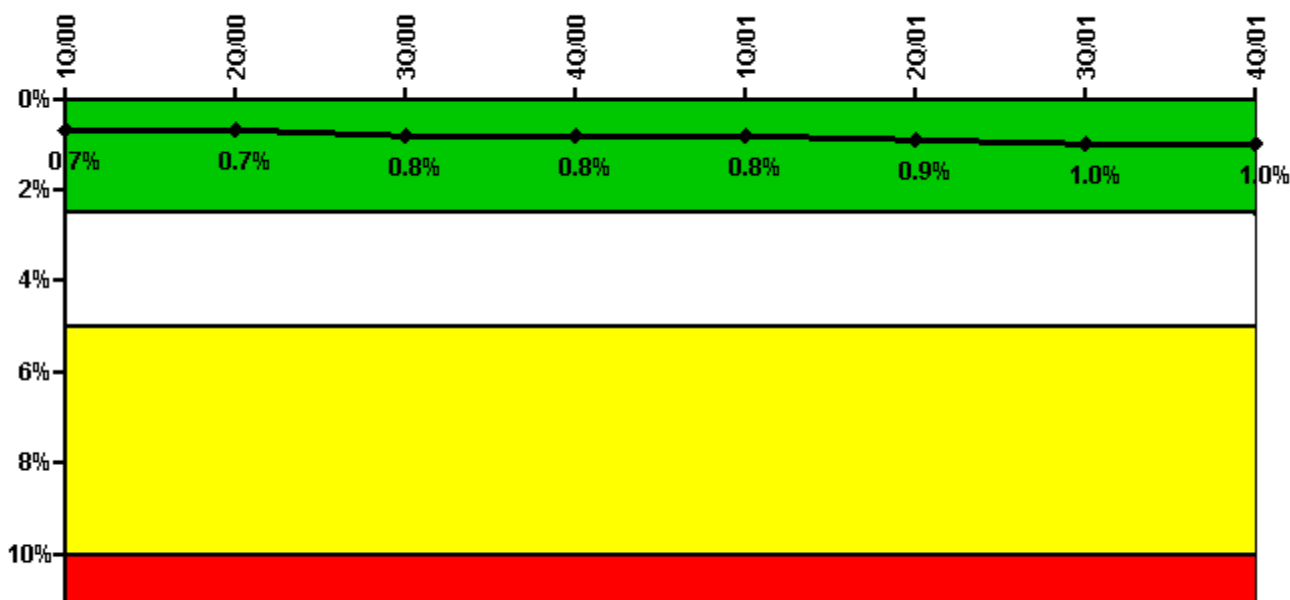
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	0	0	1.0	0	1.0	1.0
Critical hours	2149.6	2124.2	2208.0	483.9	1310.4	2183.0	2208.0	2108.0
Indicator value	0.9	0	0	0	1.1	1.1	2.3	2.7

Licensee Comments:

4Q/01: Reduced power to 24% on 11/11/2001 to repair heater drain tank manway gasket leak.

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

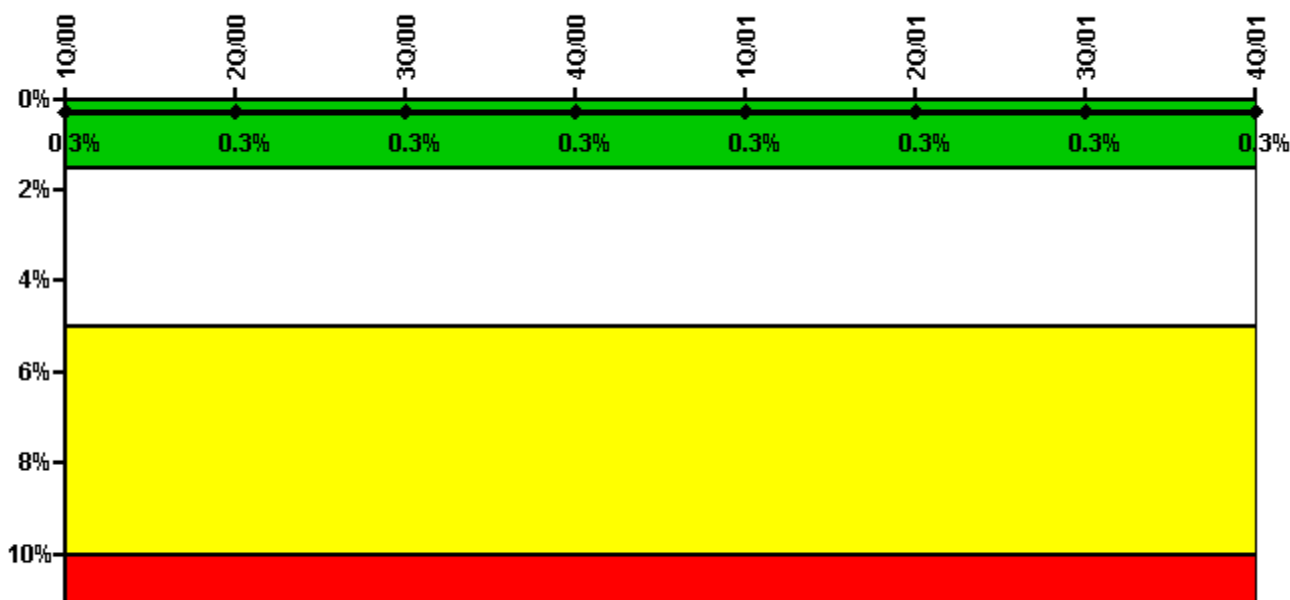
Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	6.55	17.88	38.02	1.73	17.78	13.87	1.70	6.60
Unplanned unavailable hours	0	0	0	0	0	4.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	1497.27	2150.80	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	7.45	28.48	24.70	0	10.20	45.37	35.00	12.10
Unplanned unavailable hours	0	0	0	0	0	0	27.20	5.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	586.00	1608.60	2183.00	2208.00	2209.00
Indicator value	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%	1.0%

Licensee Comments:

4Q/01: EDG"B" declared INOP for 5.3 hrs on 10/18/2001 to investigate and repair overheating electrical connectors (unplanned unavailability).

Safety System Unavailability, High Pressure Injection System (HPSI)



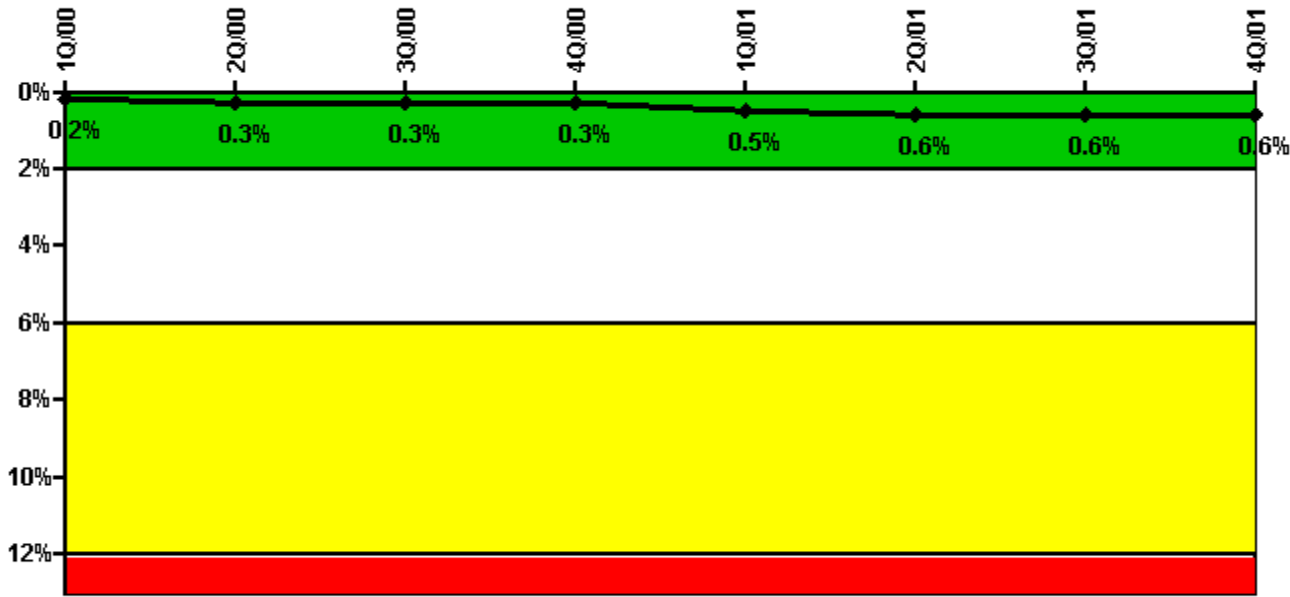
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	12.95	0.58	0	0	7.07	0	17.30	12.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1697.20	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	14.60	0	2.20	0	0	37.96	0	4.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1697.20	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	5.70	8.98	0	3.32	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	12.00	1.95	0	0	0.72	13.70	26.80	0
Unplanned unavailable hours	0	0	0	0	0	0.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

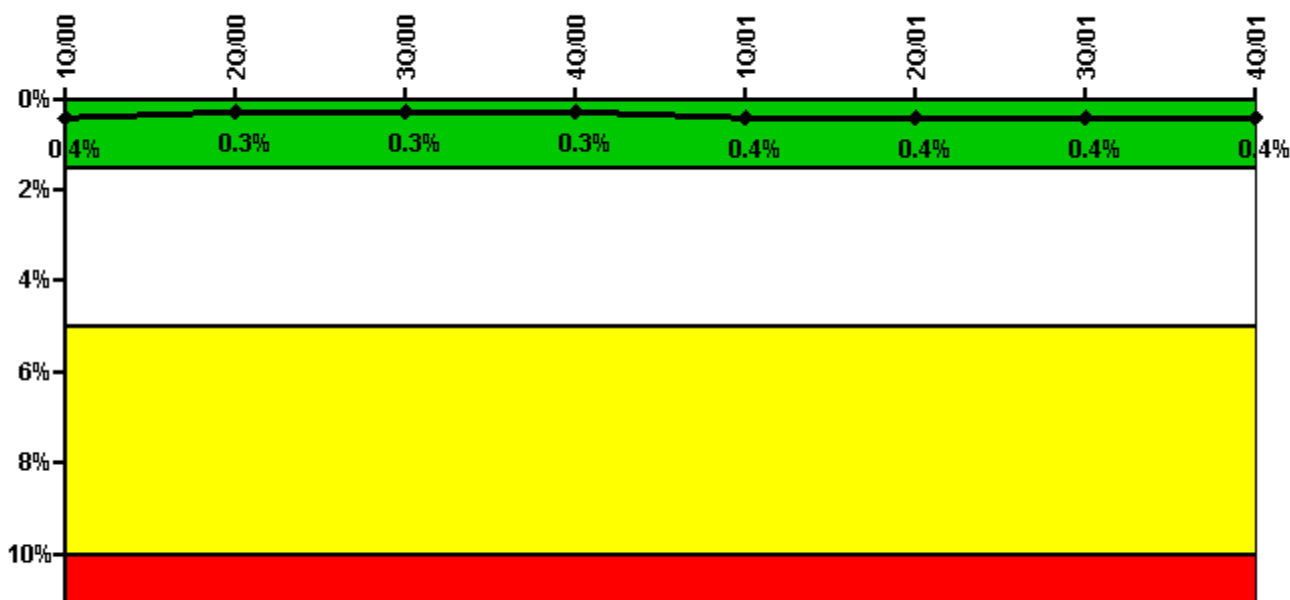
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.33	17.10	0.62	0	15.46	43.71	20.00	1.80
Unplanned unavailable hours	0	0	0	0	28.52	0	0	0
Fault exposure hours	0	0	0	0	64.55	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.10	13.70	0.57	0	5.10	20.04	1.90	4.10
Unplanned unavailable hours	0	0	0	0	0.38	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00
Indicator value	0.2%	0.3%	0.3%	0.3%	0.5%	0.6%	0.6%	0.6%

Licensee Comments:

1Q/01: Fault Exposure Unavailability incurred due to failure of EFW Pp "A". Failure was due to overspeed trip on 3/5/01 at 23:25. Previous successful quarterly surveillance was on 2/28/01 at 14:20, 129.09 hours prior to the failure. One half of this interval is fault exposure time of 64.55 hours.

Safety System Unavailability, Residual Heat Removal System



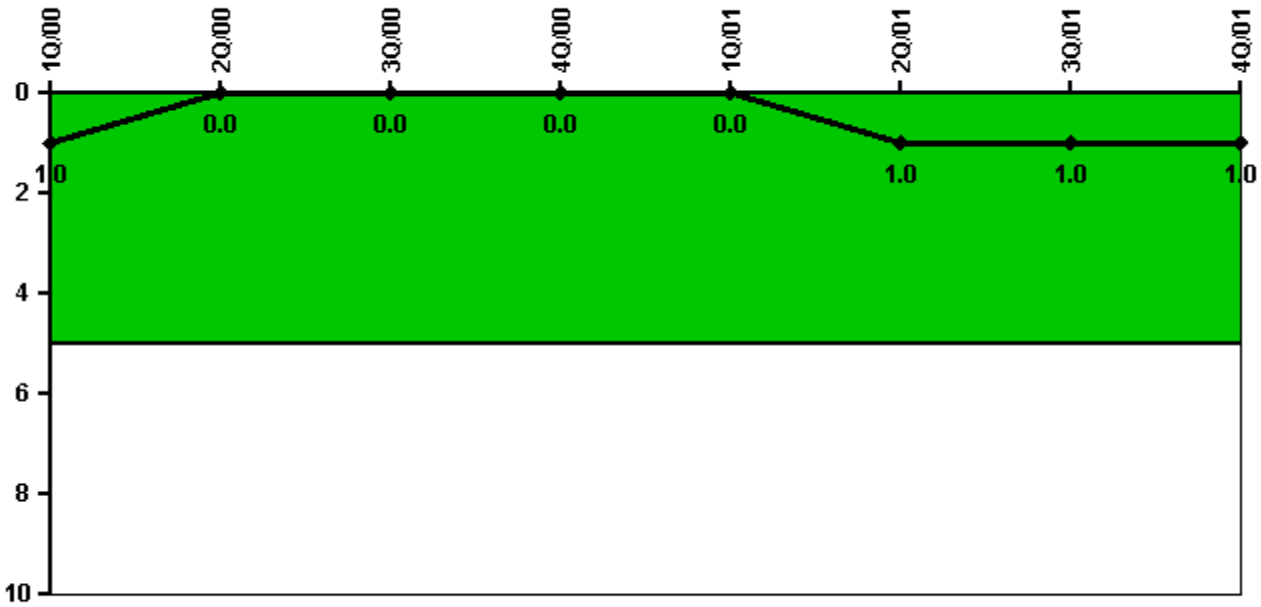
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	10.17	1.96	1.30	0.87	3.58	5.02	15.10	3.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	11.61	1.76	10.28	0.77	12.06	11.50	2.50	10.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



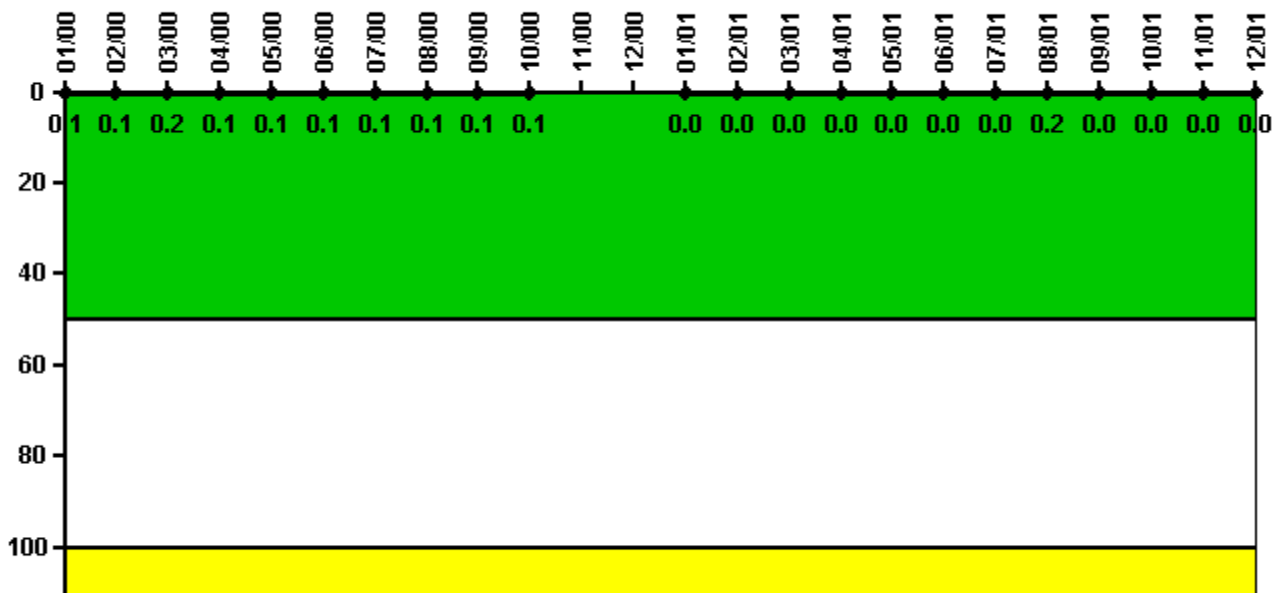
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	0	0	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

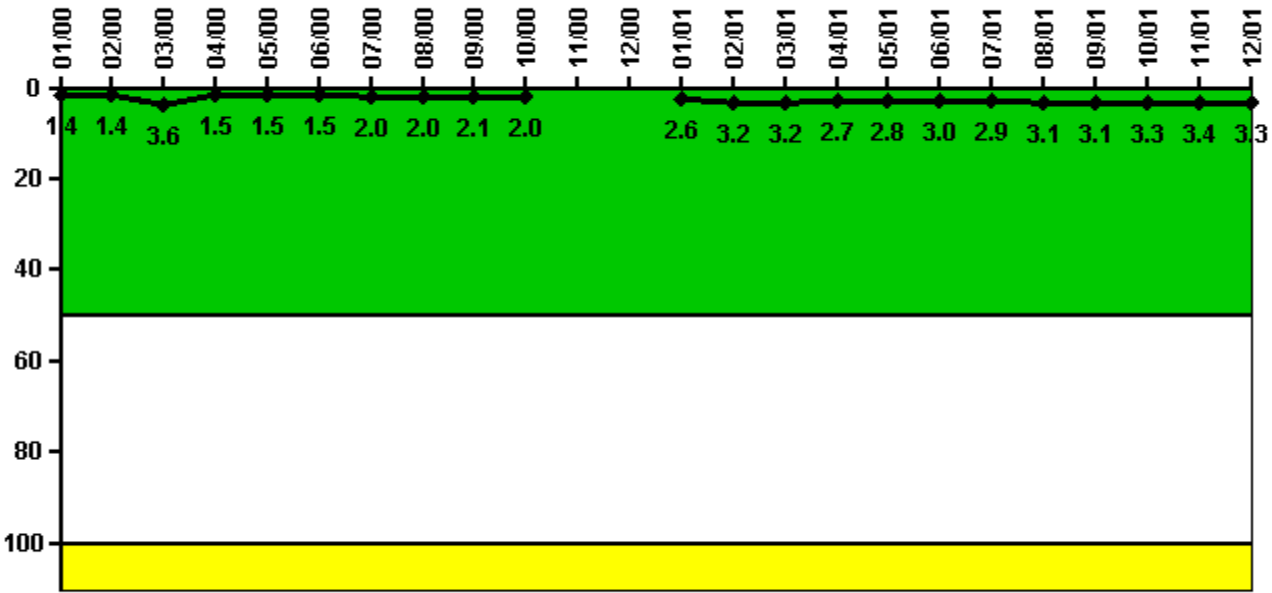
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000600	0.000700	0.001600	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440	0.000332	0.001940	0.000300	0.000326	0.000464	0.000400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.2	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

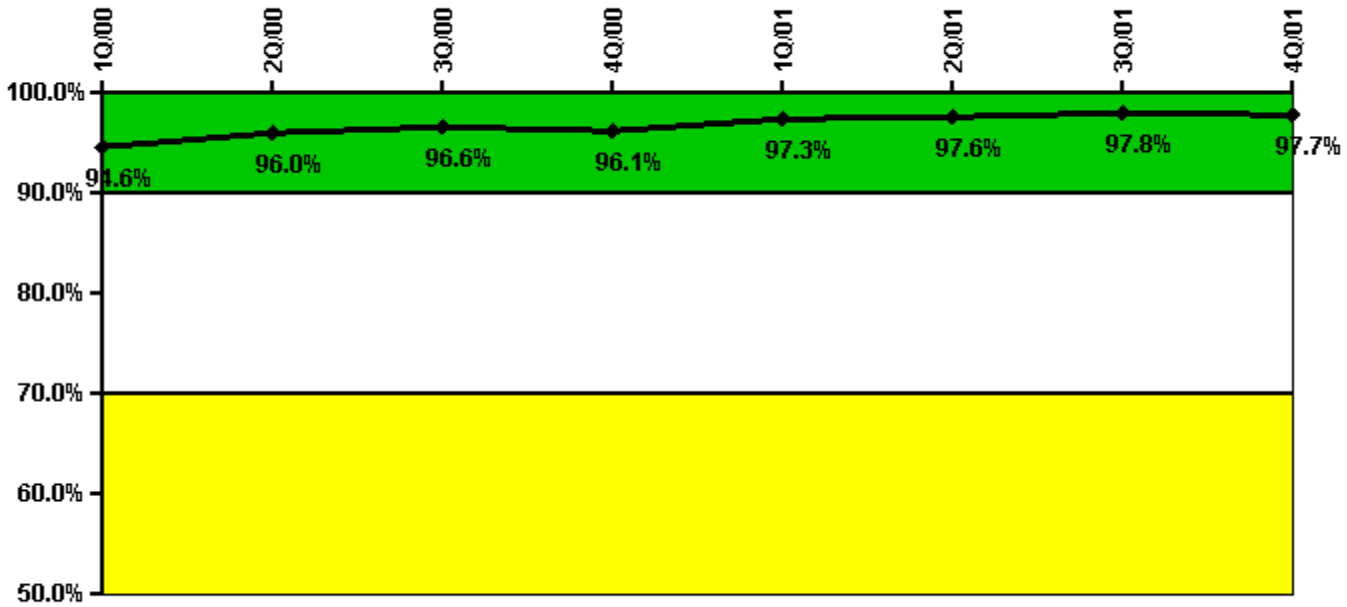
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.140	0.140	0.360	0.150	0.150	0.150	0.200	0.200	0.210	0.200	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.4	3.6	1.5	1.5	1.5	2.0	2.0	2.1	2.0	N/A	N/A

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.260	0.320	0.320	0.270	0.280	0.300	0.290	0.310	0.310	0.330	0.340	0.330
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	3.2	3.2	2.7	2.8	3.0	2.9	3.1	3.1	3.3	3.4	3.3

Licensee Comments: none

Drill/Exercise Performance



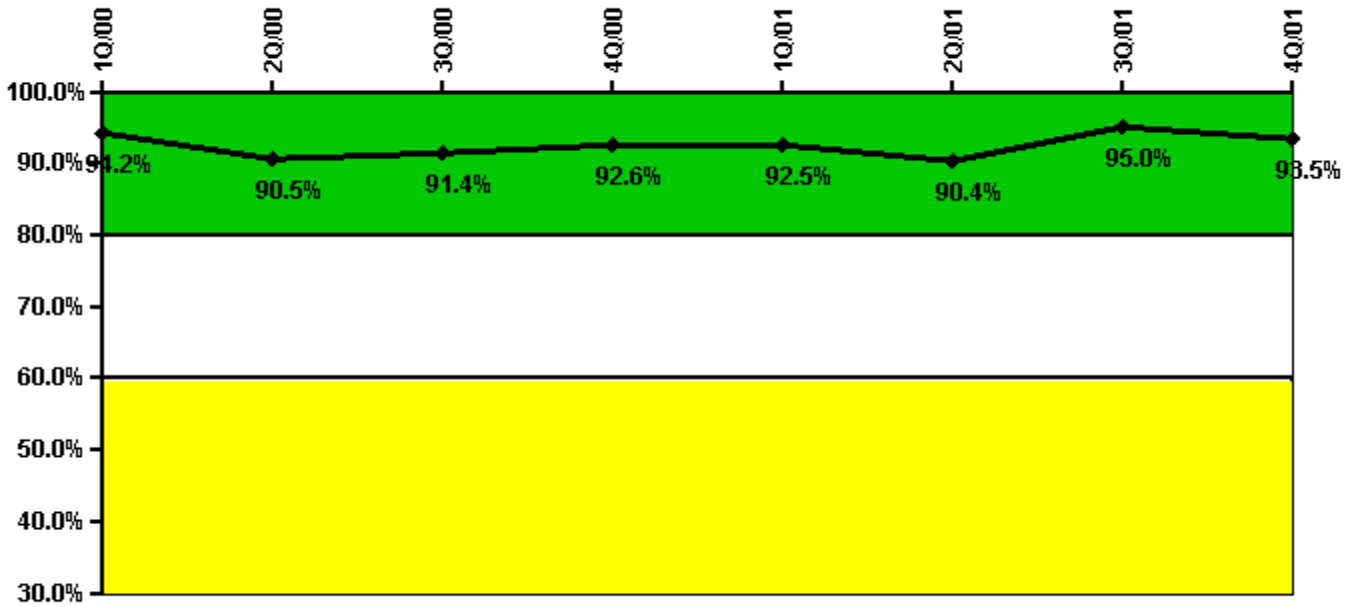
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	20.0	48.0	22.0	32.0	13.0	26.0	20.0	29.0
Total opportunities	22.0	48.0	22.0	34.0	13.0	26.0	20.0	30.0
Indicator value	94.6%	96.0%	96.6%	96.1%	97.3%	97.6%	97.8%	97.7%

Licensee Comments: none

ERO Drill Participation



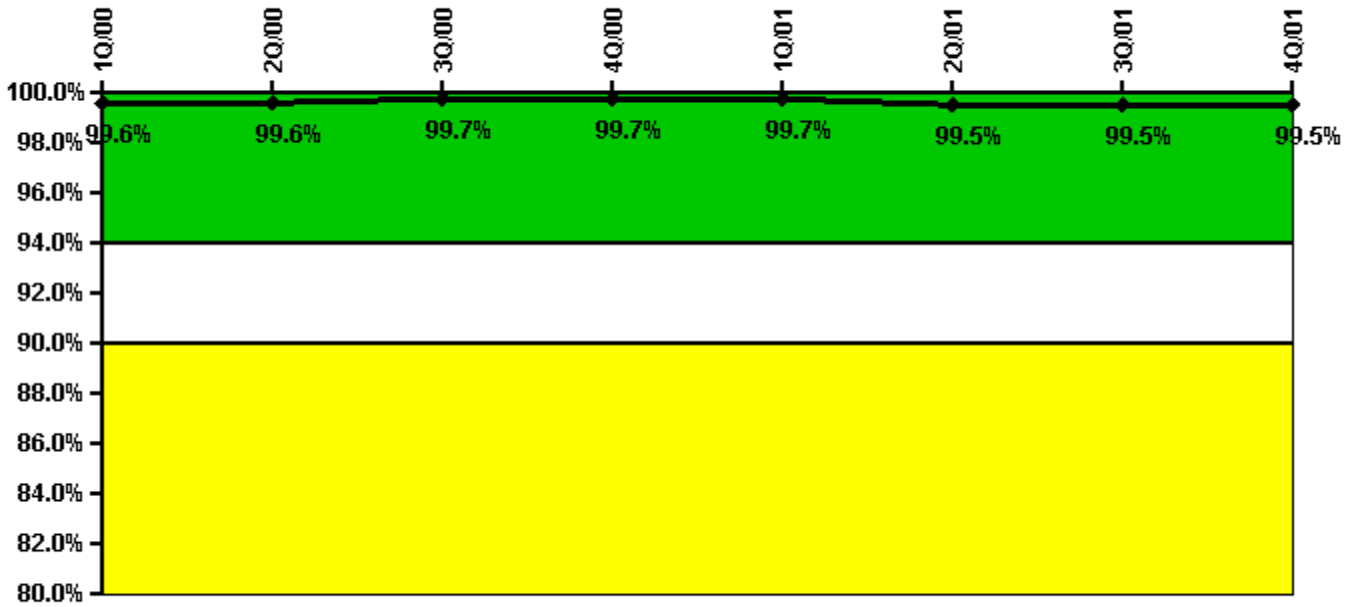
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	81.0	86.0	96.0	88.0	86.0	85.0	76.0	72.0
Total Key personnel	86.0	95.0	105.0	95.0	93.0	94.0	80.0	77.0
Indicator value	94.2%	90.5%	91.4%	92.6%	92.5%	90.4%	95.0%	93.5%

Licensee Comments: none

Alert & Notification System



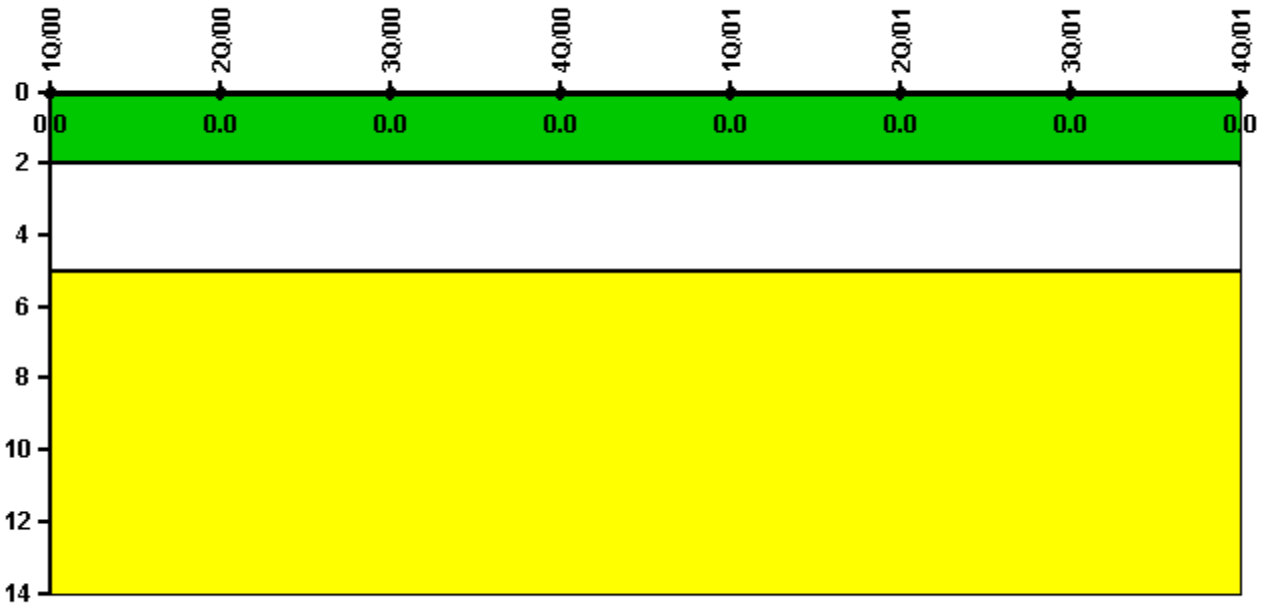
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	725	844	720	846	725	840	720	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.6%	99.6%	99.7%	99.7%	99.7%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



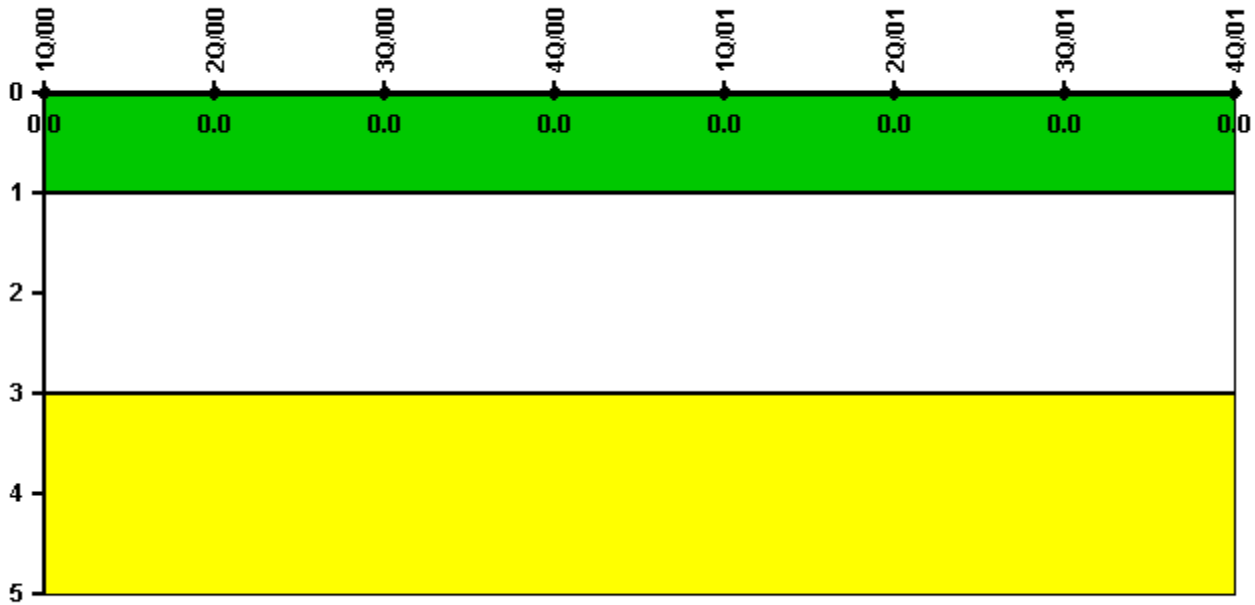
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



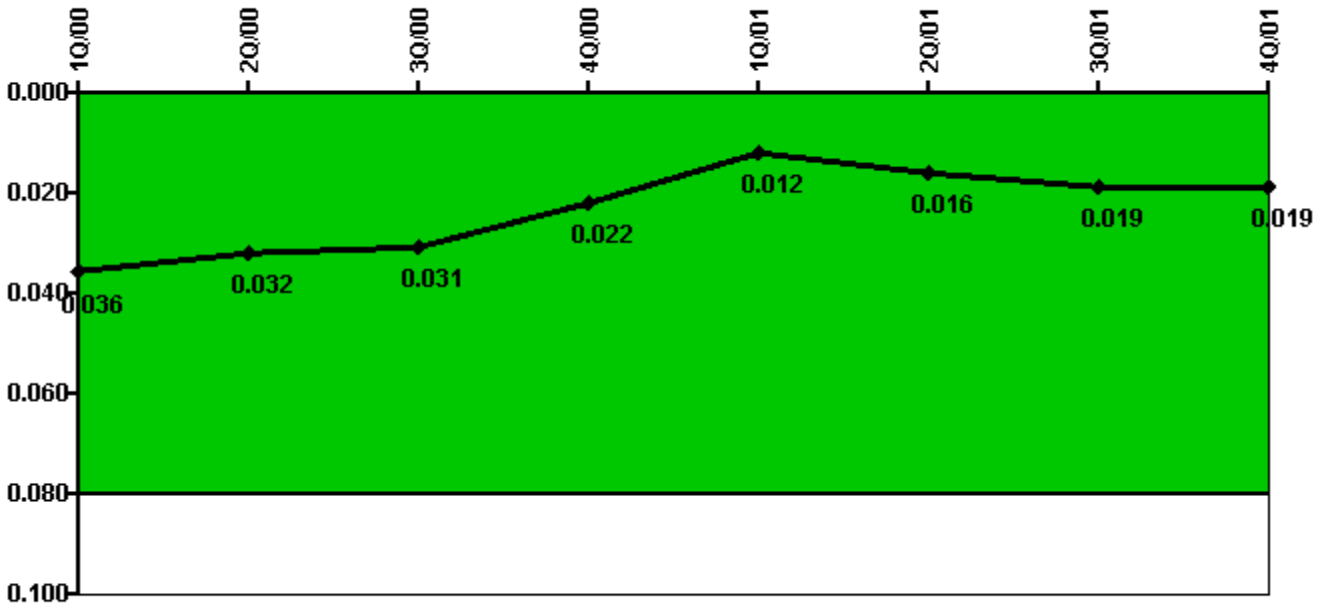
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



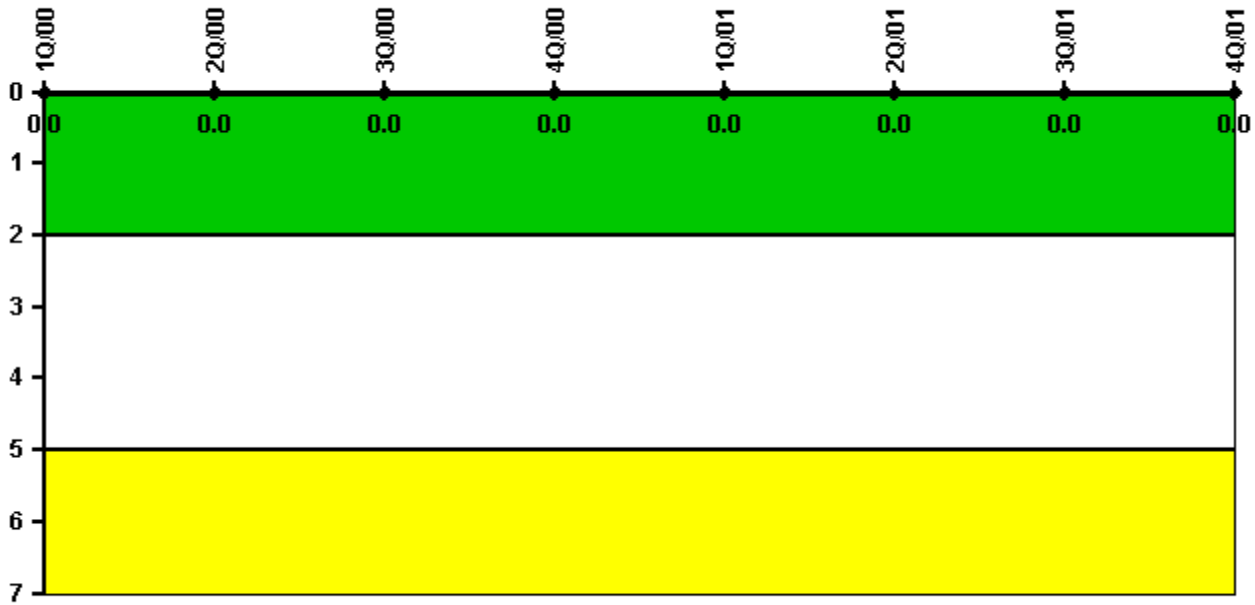
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	312.30	8.00	123.90	40.70	91.10	114.60	187.30	48.90
CCTV compensatory hours	16.4	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.036	0.032	0.031	0.022	0.012	0.016	0.019	0.019

Licensee Comments: none

Personnel Screening Program



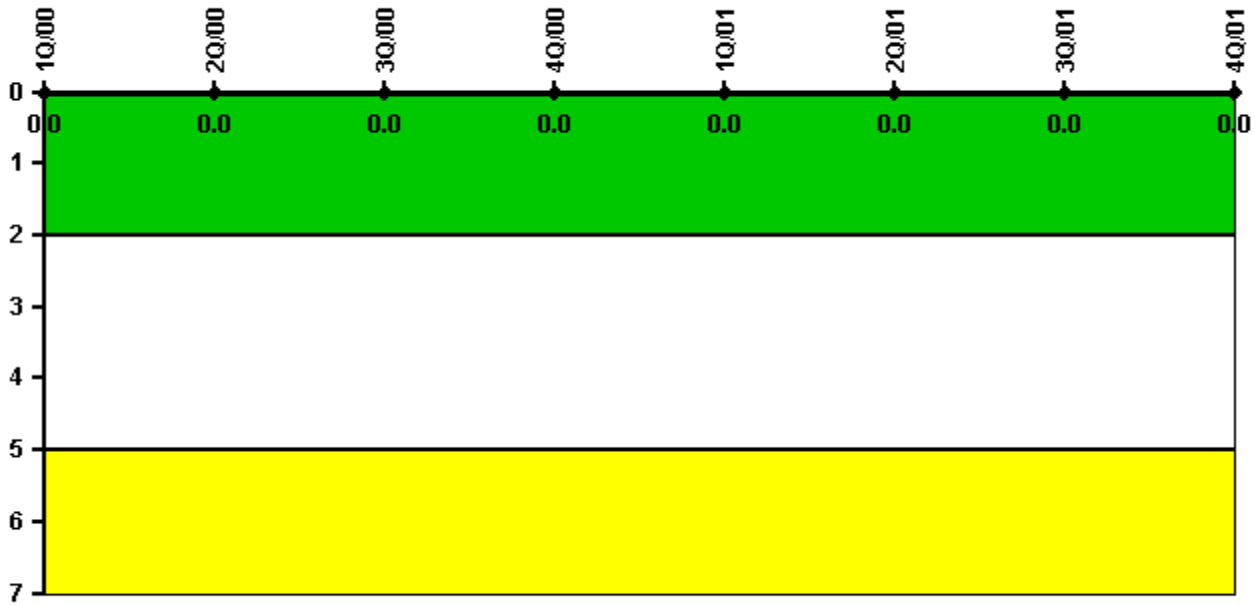
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

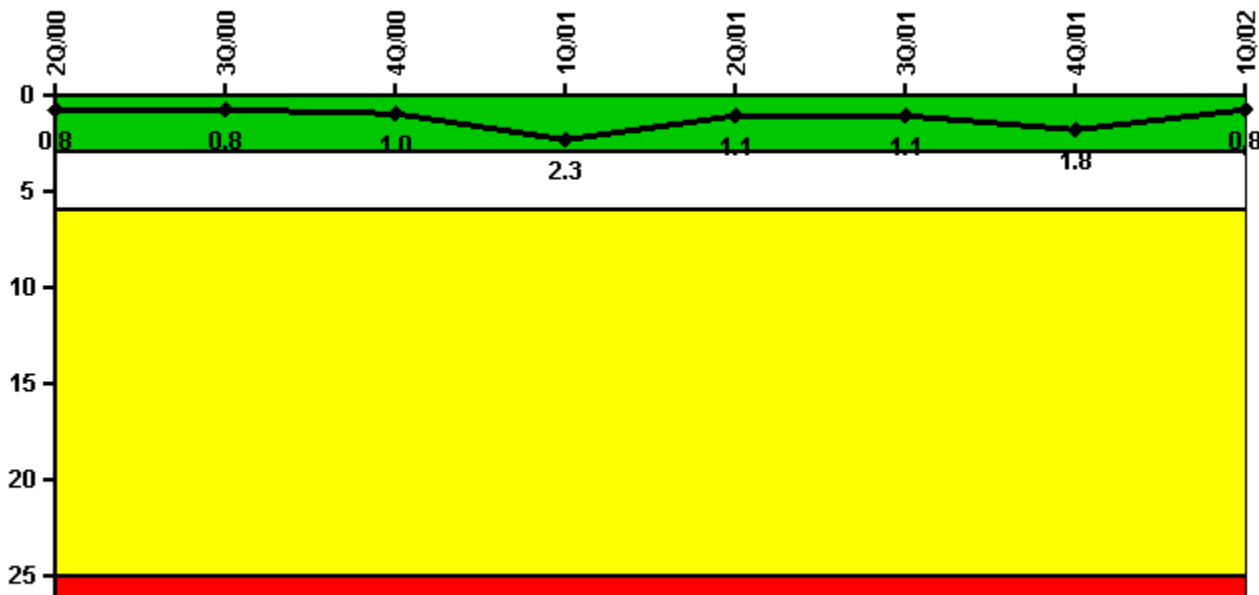
Last Modified: March 15, 2002

Seabrook 1

1Q/2002 Performance Indicators

Licensee's General Comments: After management review determined Leak rate for Feb should have been .43 and revised data accordingly.

Unplanned Scrams per 7000 Critical Hrs



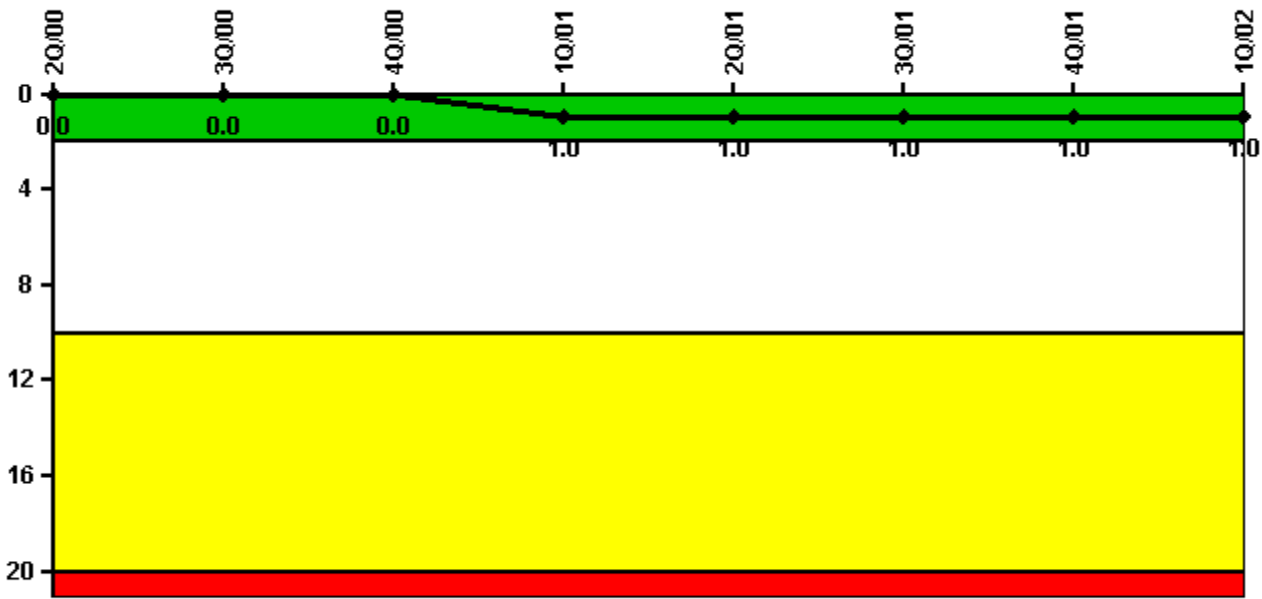
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	1.0	0	0	1.0	0
Critical hours	2124.2	2208.0	483.9	1310.4	2183.0	2208.0	2108.0	2160.0
Indicator value	0.8	0.8	1.0	2.3	1.1	1.1	1.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



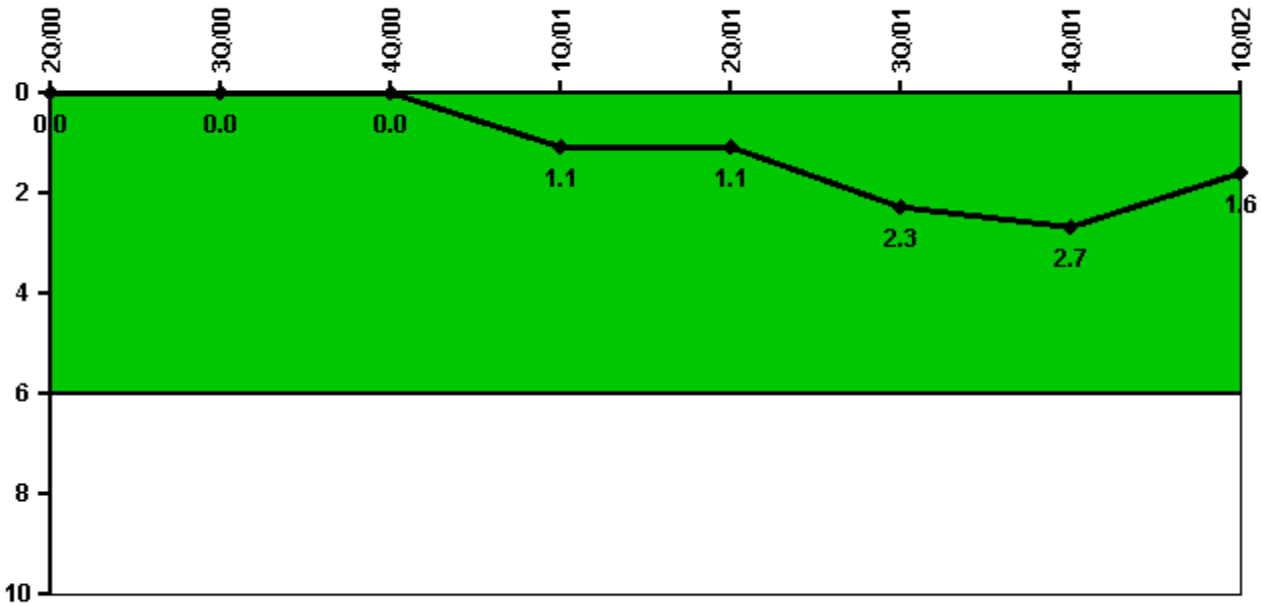
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	1.0	0	0	0	0
Indicator value	0	0	0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



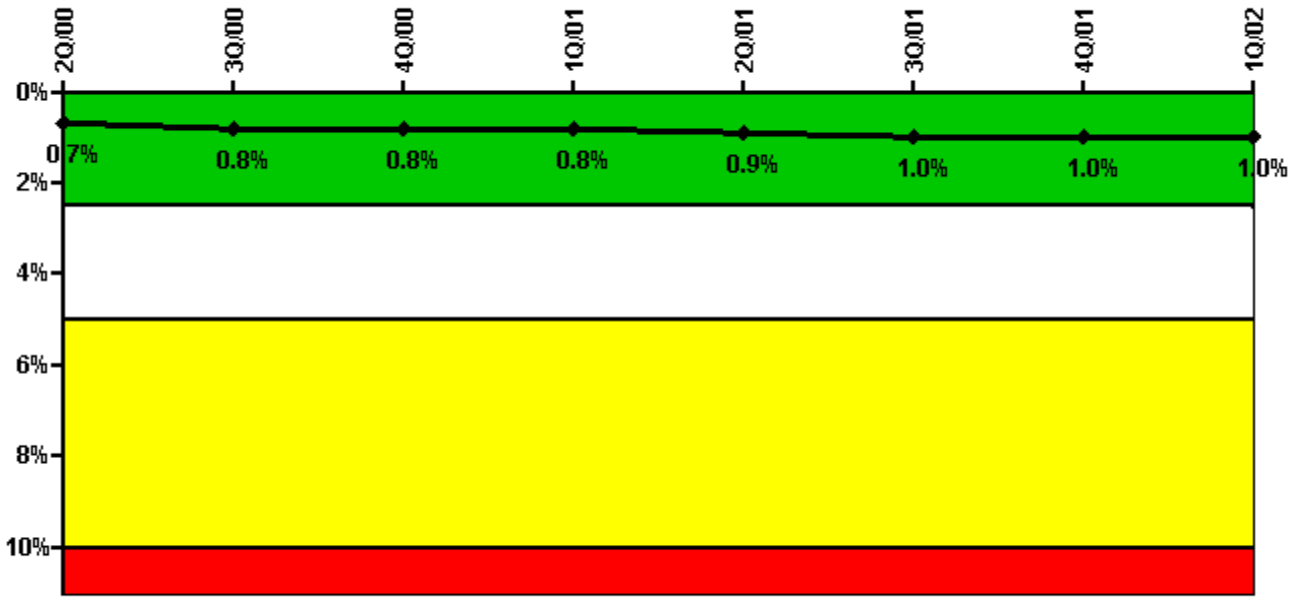
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	1.0	0	1.0	1.0	0
Critical hours	2124.2	2208.0	483.9	1310.4	2183.0	2208.0	2108.0	2160.0
Indicator value	0	0	0	1.1	1.1	2.3	2.7	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



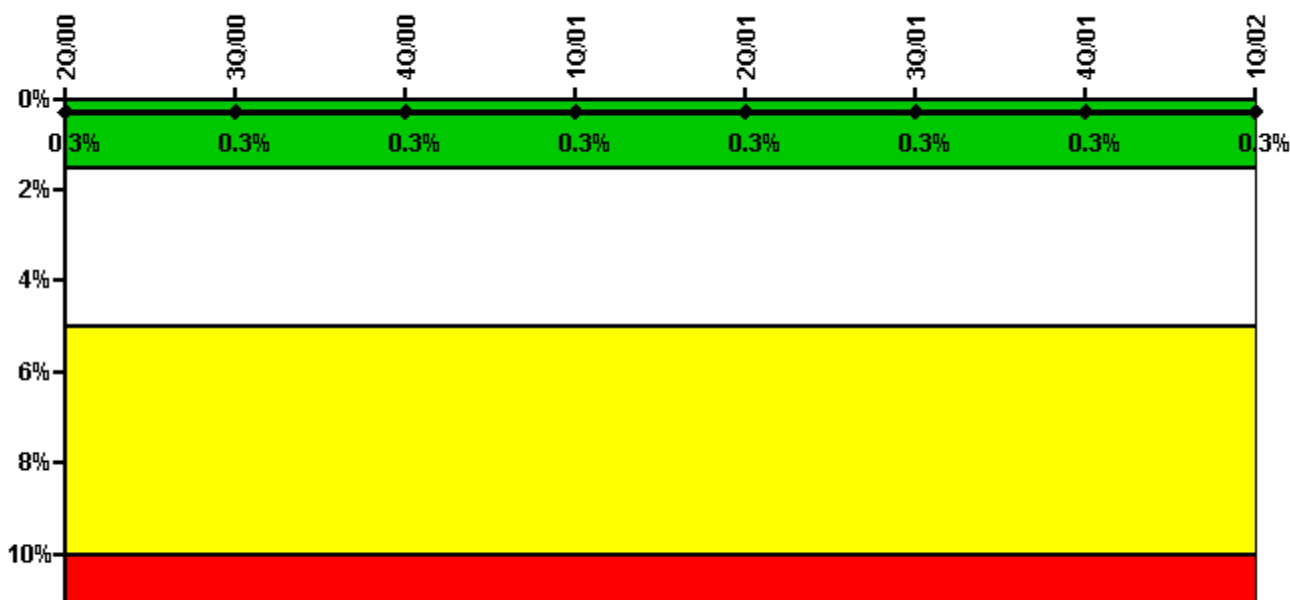
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	17.88	38.02	1.73	17.78	13.87	1.70	6.60	36.65
Unplanned unavailable hours	0	0	0	0	4.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1497.27	2150.80	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	28.48	24.70	0	10.20	45.37	35.00	12.10	20.82
Unplanned unavailable hours	0	0	0	0	0	27.20	5.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	586.00	1608.60	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



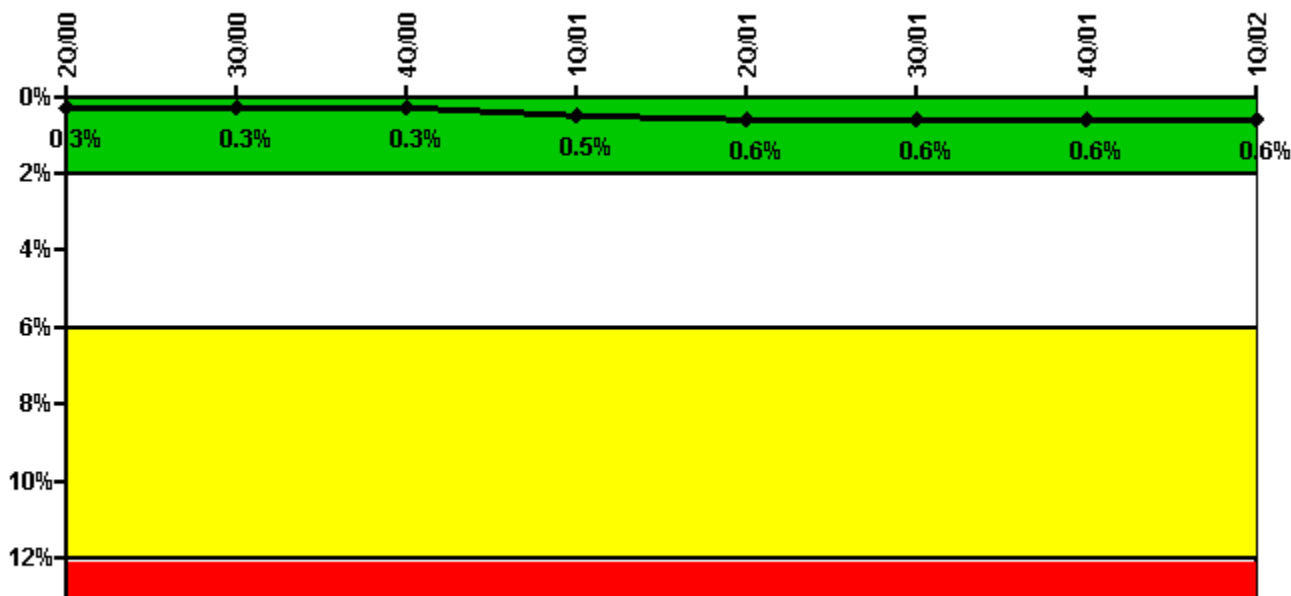
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0.58	0	0	7.07	0	17.30	12.50	6.11
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1697.20	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	2.20	0	0	37.96	0	4.40	14.65
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1697.20	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	5.70	8.98	0	3.32	0	0	0	23.39
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	1.95	0	0	0.72	13.70	26.80	0	14.18
Unplanned unavailable hours	0	0	0	0	0.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



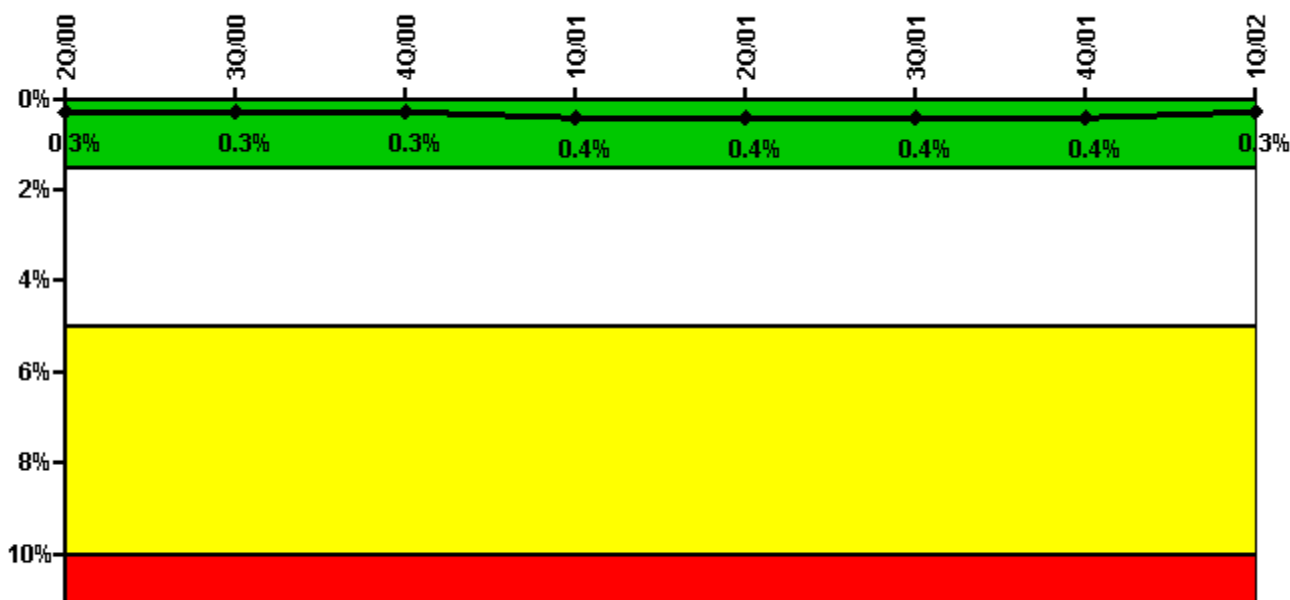
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	17.10	0.62	0	15.46	43.71	20.00	1.80	13.13
Unplanned unavailable hours	0	0	0	28.52	0	0	0	0
Fault exposure hours	0	0	0	64.55	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	13.70	0.57	0	5.10	20.04	1.90	4.10	2.30
Unplanned unavailable hours	0	0	0	0.38	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



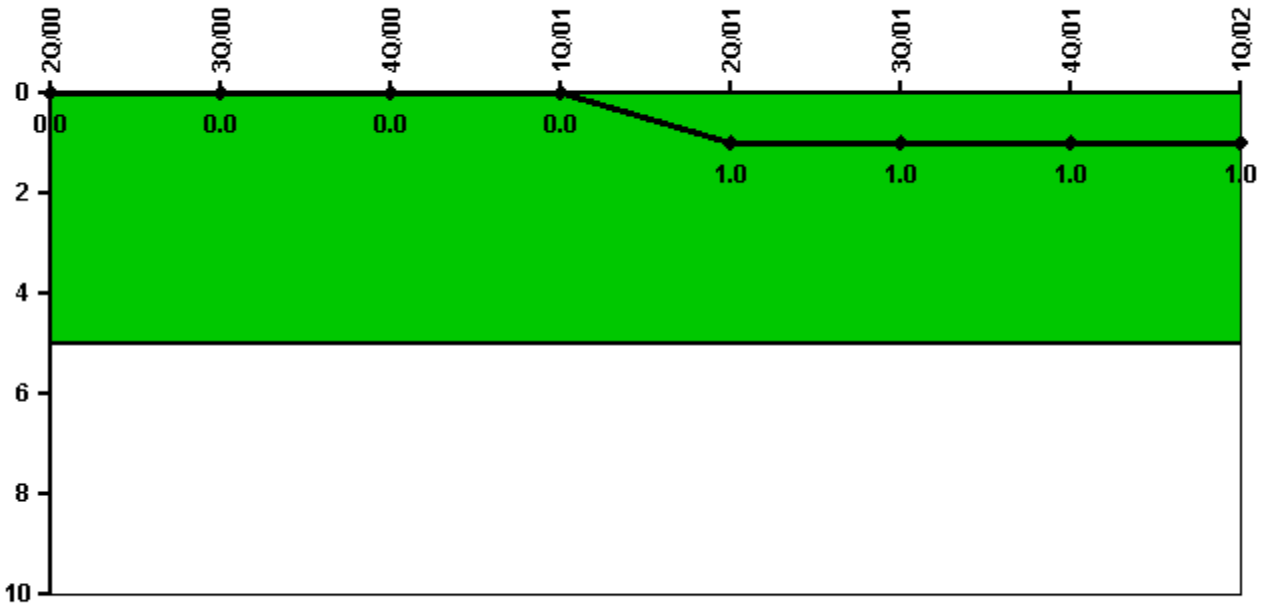
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.96	1.30	0.87	3.58	5.02	15.10	3.40	9.32
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.76	10.28	0.77	12.06	11.50	2.50	10.00	13.17
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



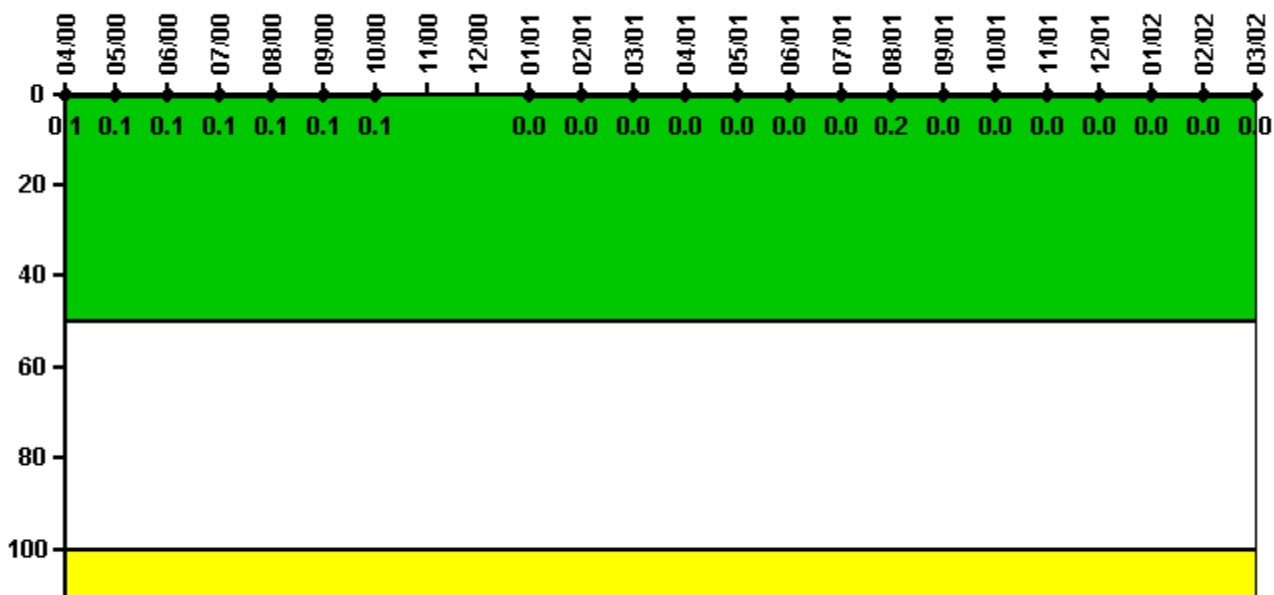
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

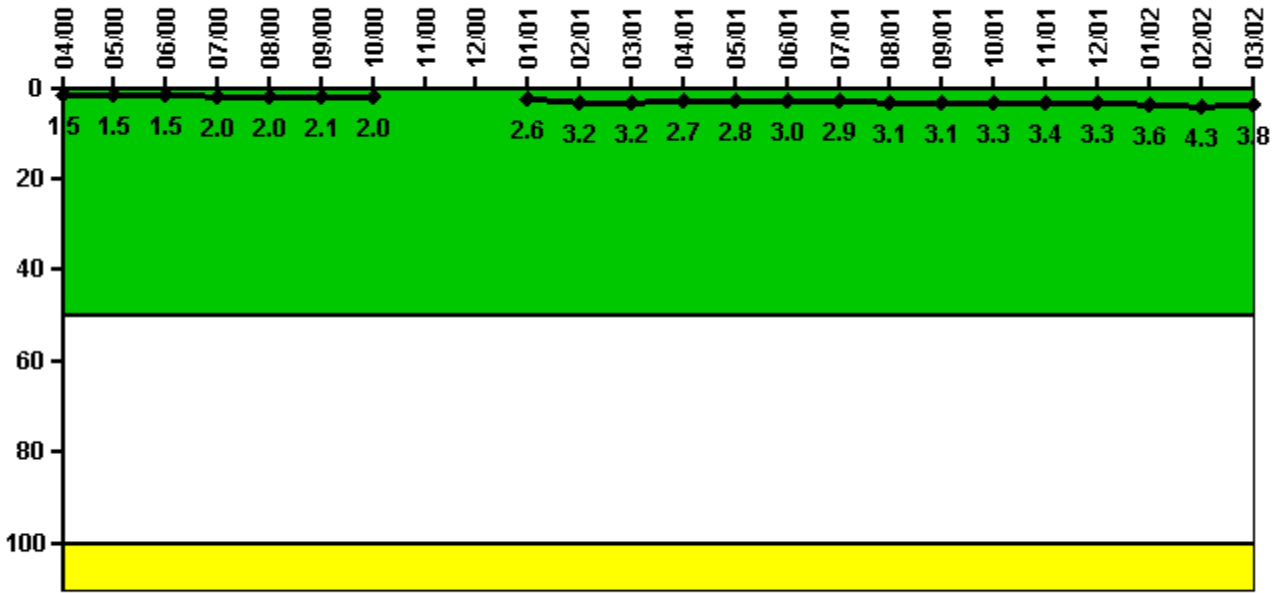
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	0.000700	N/A	N/A	0.000138	0.000362	0.000234
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000280	0.000280	0.000440	0.000332	0.001940	0.000300	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.2	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

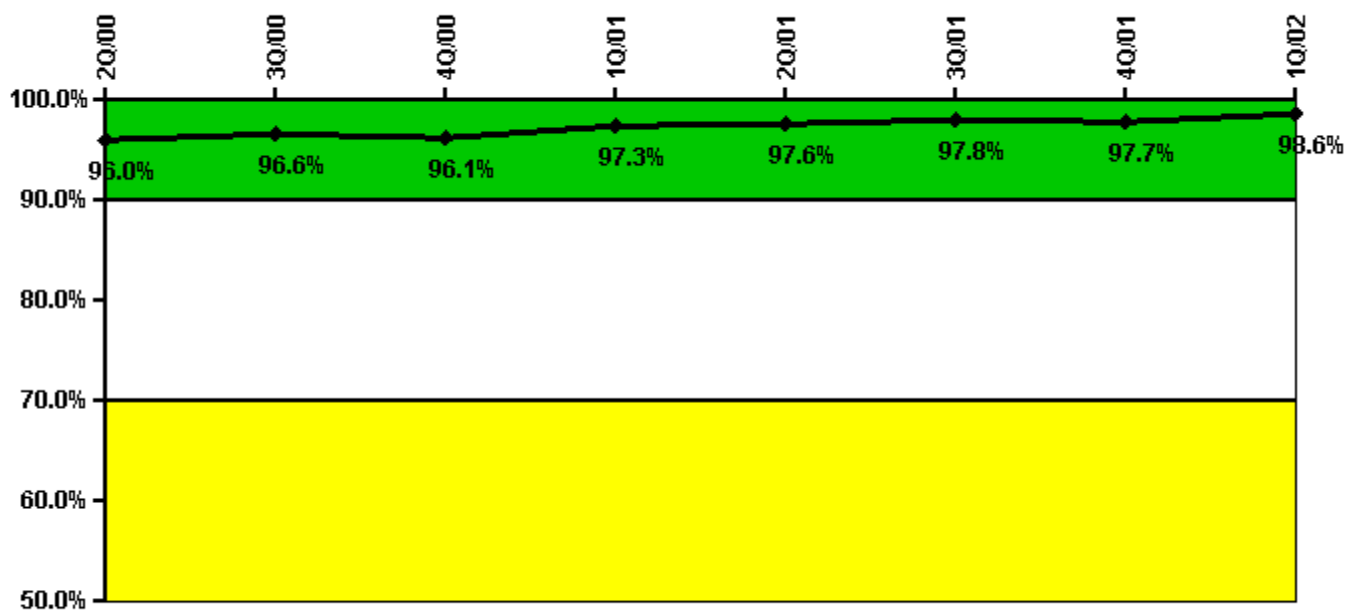
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.150	0.150	0.150	0.200	0.200	0.210	0.200	N/A	N/A	0.260	0.320	0.320
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.5	1.5	2.0	2.0	2.1	2.0	N/A	N/A	2.6	3.2	3.2

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.270	0.280	0.300	0.290	0.310	0.310	0.330	0.340	0.330	0.360	0.430	0.380
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.7	2.8	3.0	2.9	3.1	3.1	3.3	3.4	3.3	3.6	4.3	3.8

Licensee Comments: none

Drill/Exercise Performance



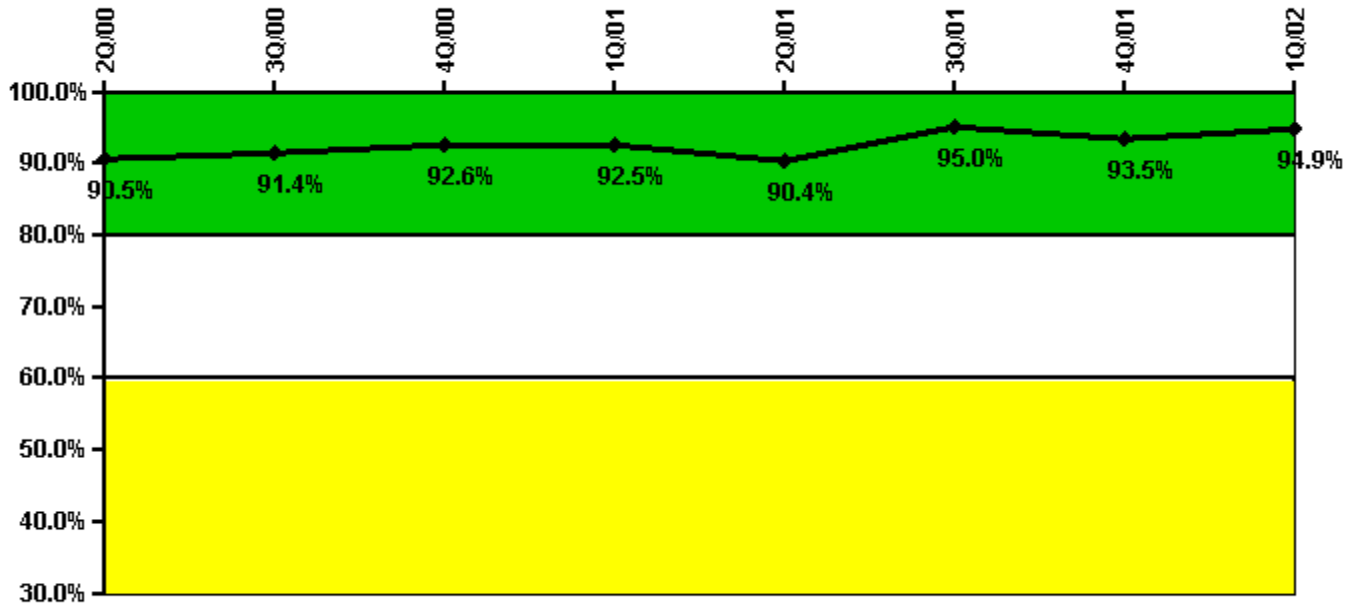
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	48.0	22.0	32.0	13.0	26.0	20.0	29.0	14.0
Total opportunities	48.0	22.0	34.0	13.0	26.0	20.0	30.0	14.0
Indicator value	96.0%	96.6%	96.1%	97.3%	97.6%	97.8%	97.7%	98.6%

Licensee Comments: none

ERO Drill Participation



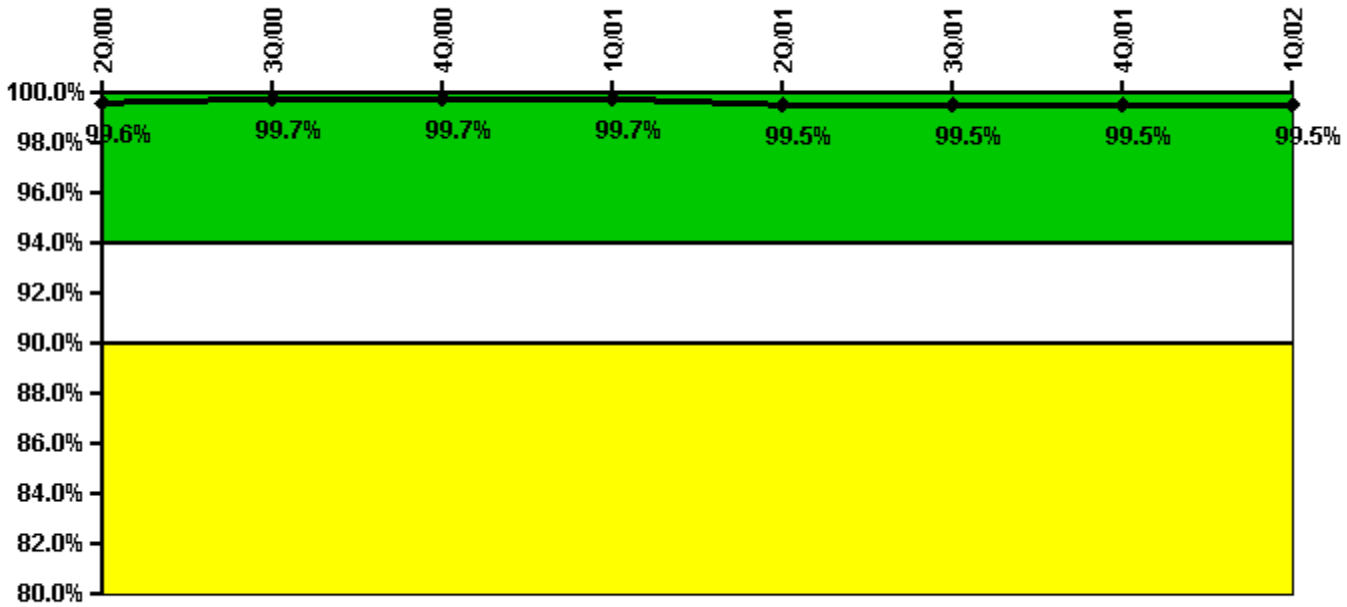
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	86.0	96.0	88.0	86.0	85.0	76.0	72.0	75.0
Total Key personnel	95.0	105.0	95.0	93.0	94.0	80.0	77.0	79.0
Indicator value	90.5%	91.4%	92.6%	92.5%	90.4%	95.0%	93.5%	94.9%

Licensee Comments: none

Alert & Notification System



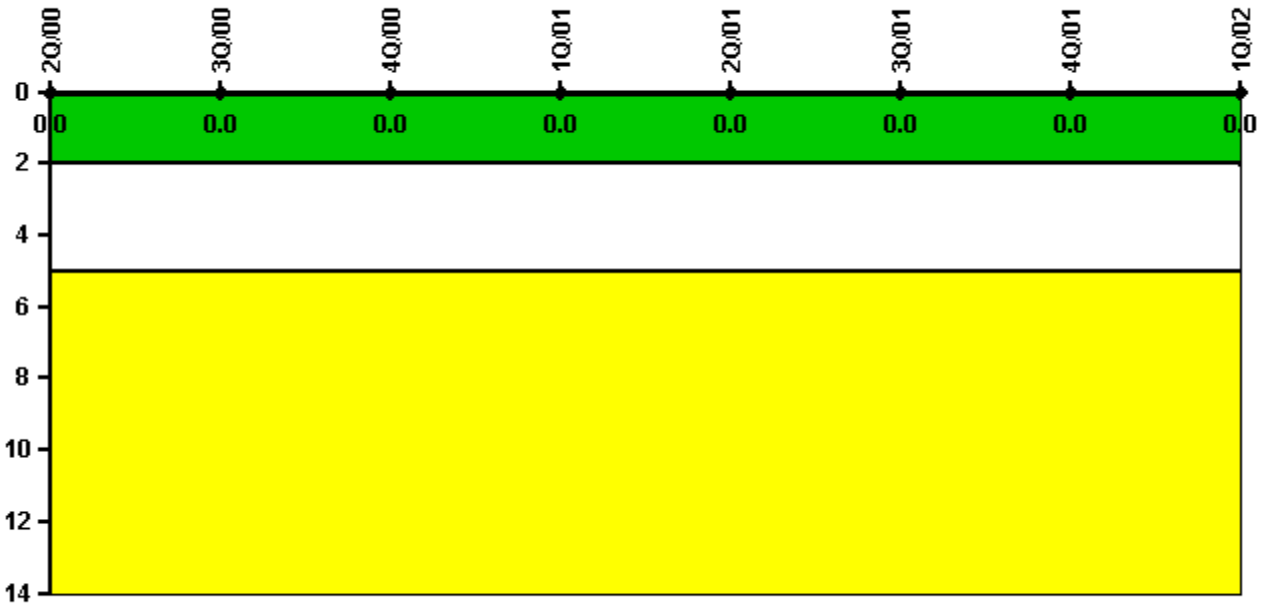
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	844	720	846	725	840	720	846	844
Total sirens-tests	847	726	847	726	847	726	847	847
Indicator value	99.6%	99.7%	99.7%	99.7%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



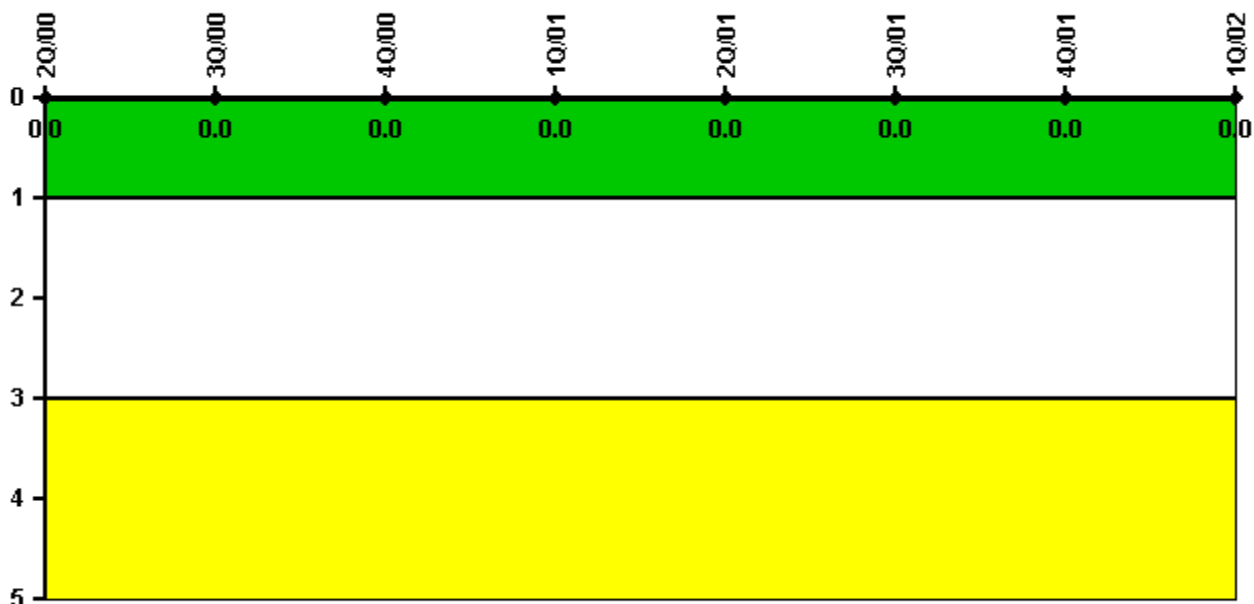
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



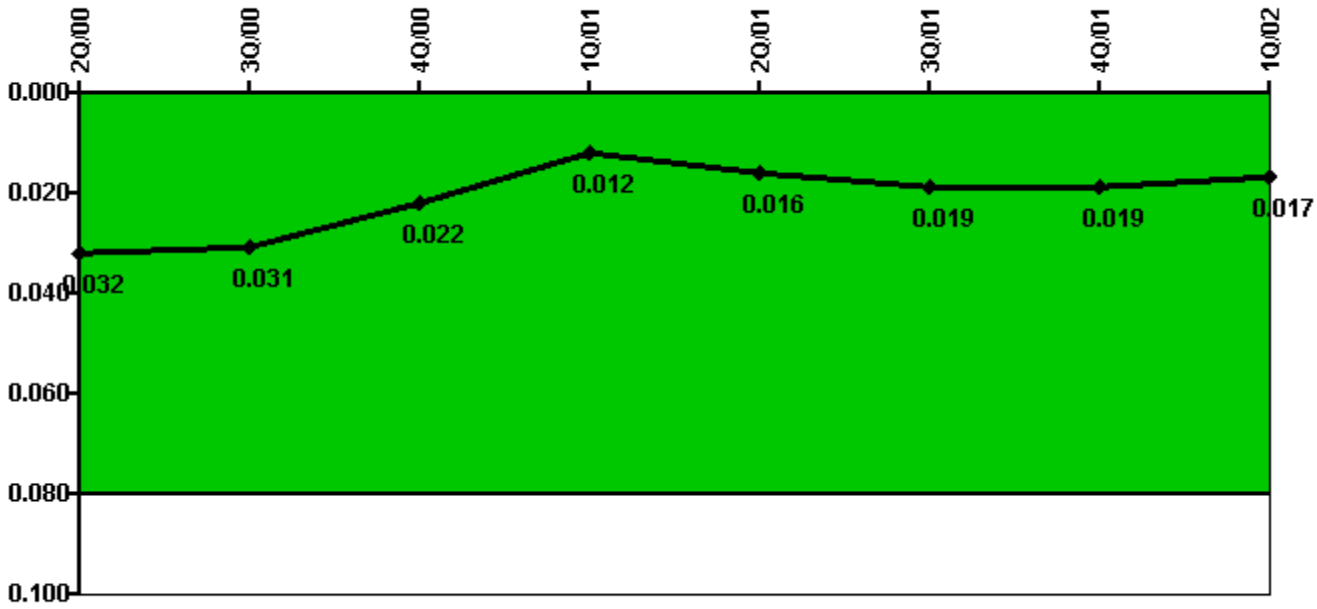
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



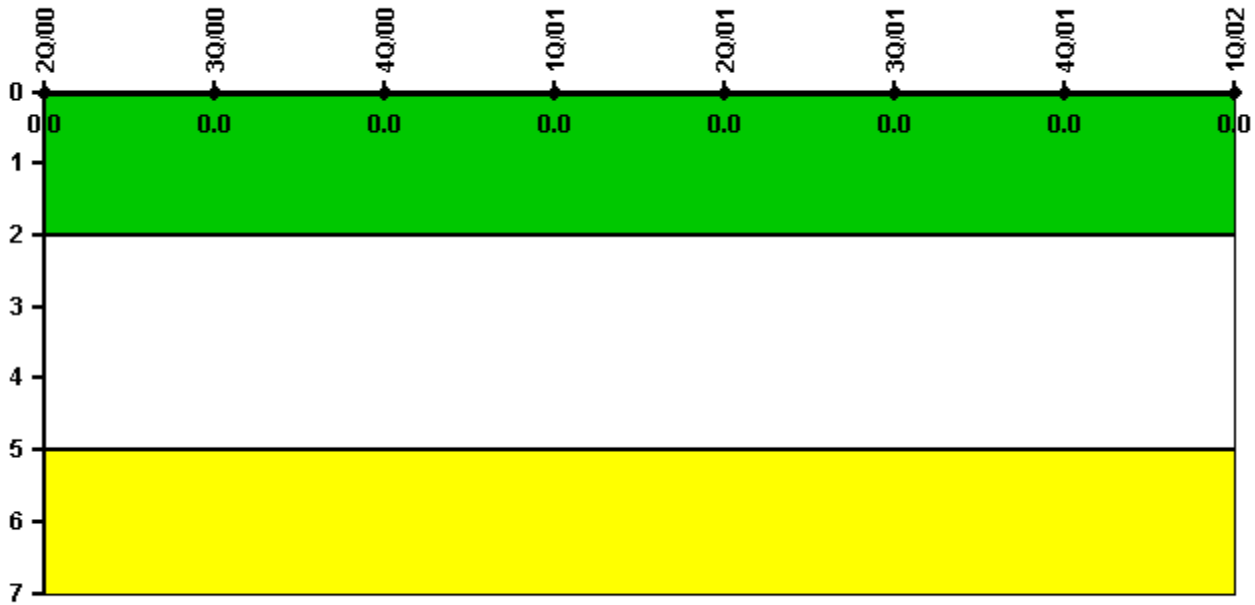
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	8.00	123.90	40.70	91.10	114.60	187.30	48.90	39.50
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.032	0.031	0.022	0.012	0.016	0.019	0.019	0.017

Licensee Comments: none

Personnel Screening Program



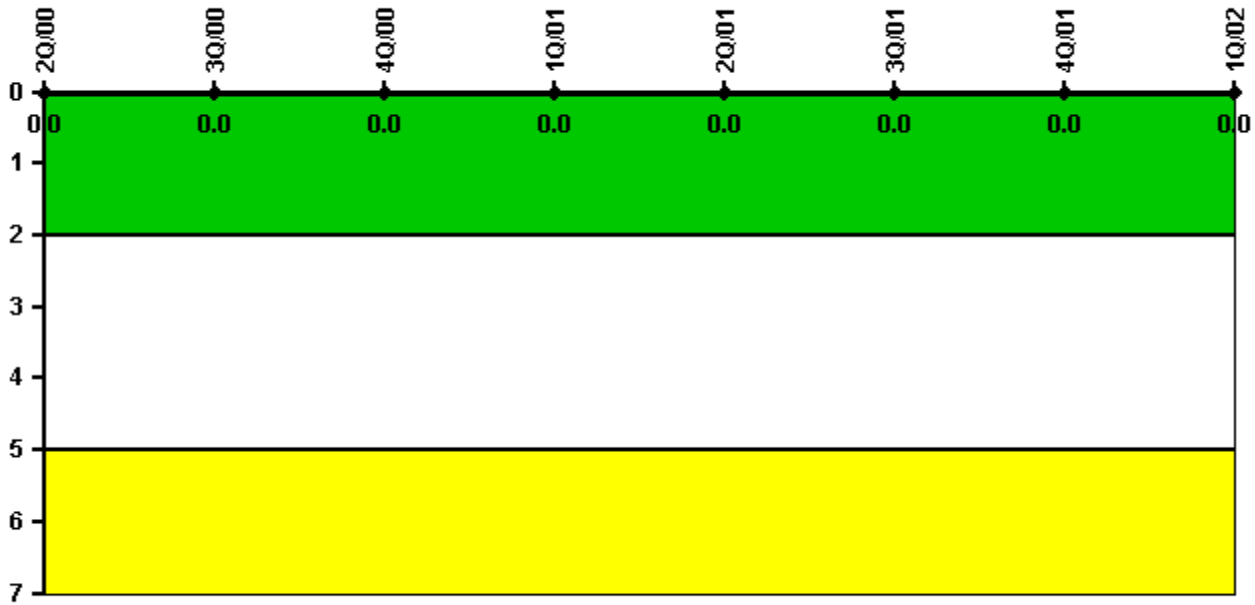
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

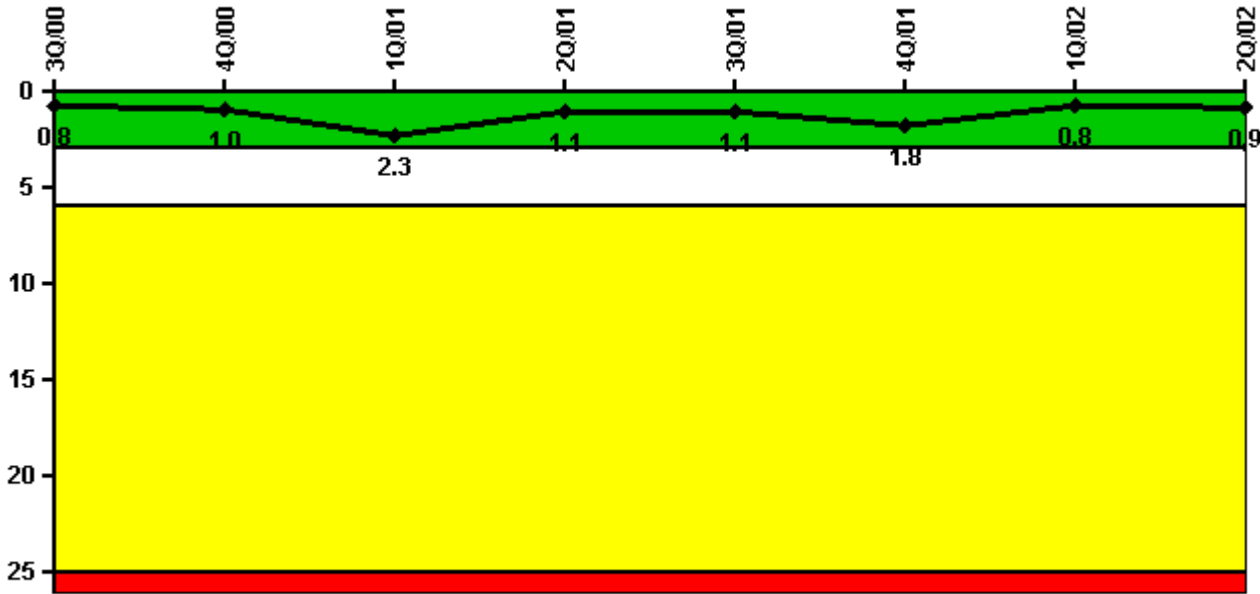
Last Modified: May 1, 2002

Seabrook 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



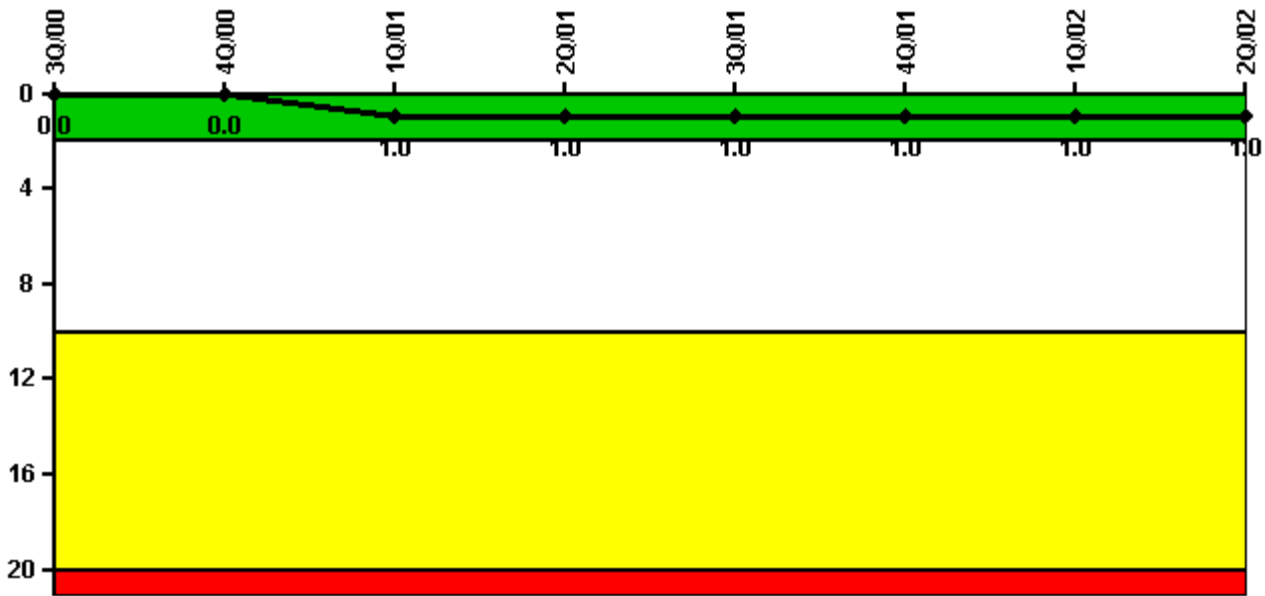
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	2208.0	483.9	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7
Indicator value	0.8	1.0	2.3	1.1	1.1	1.8	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



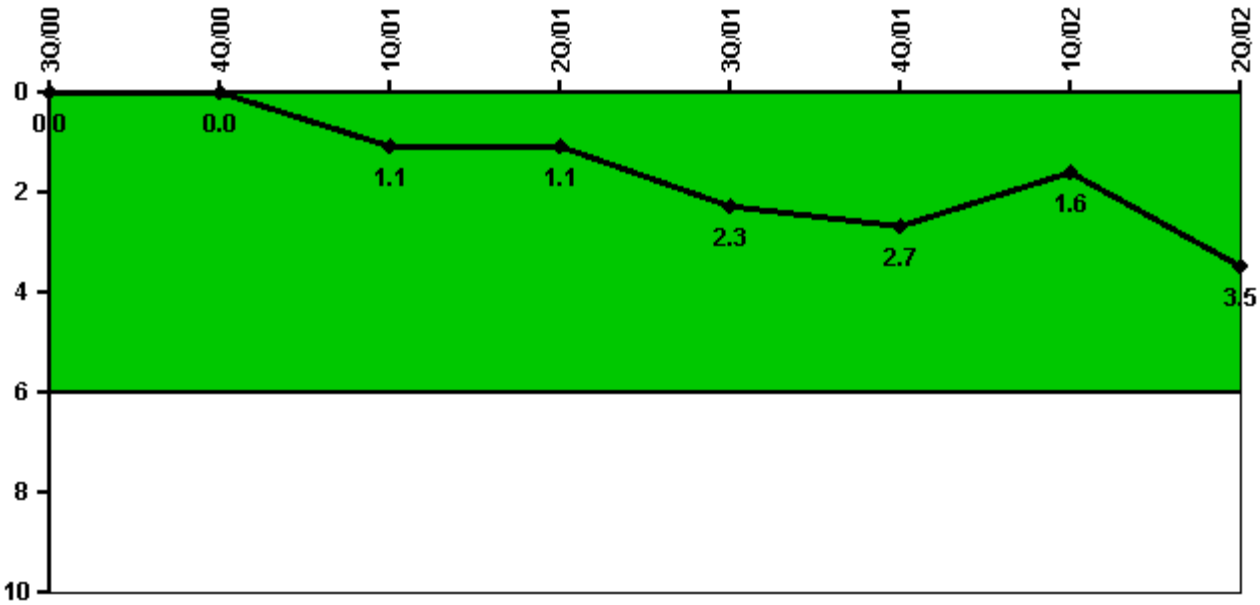
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



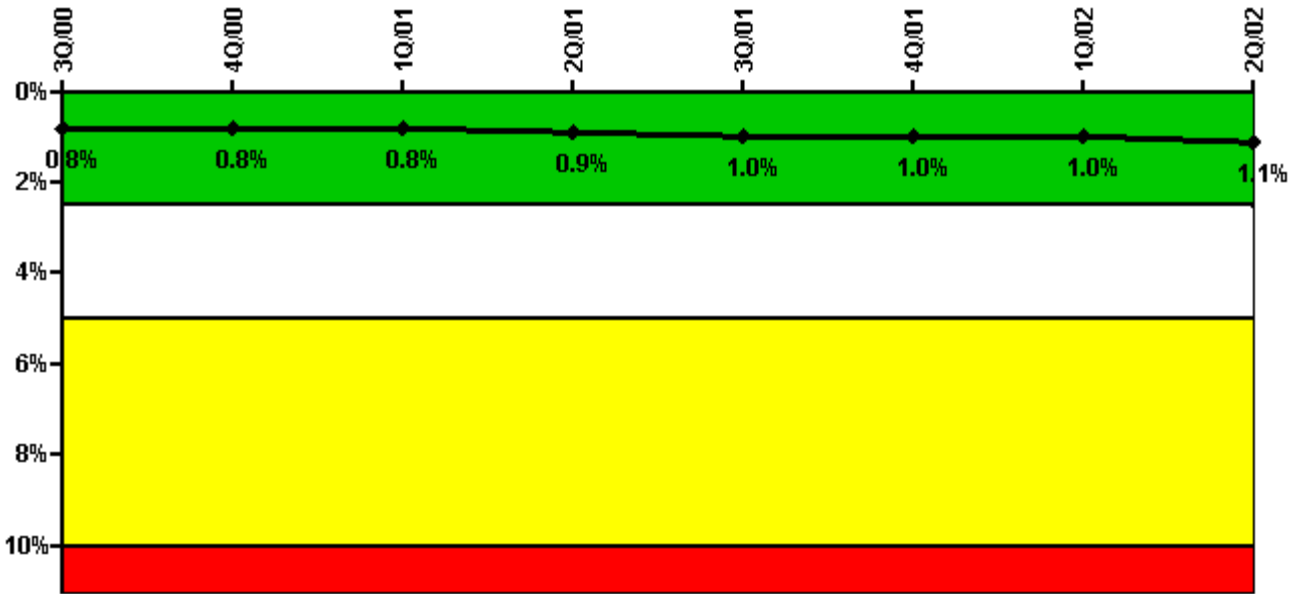
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	1.0	0	1.0	1.0	0	2.0
Critical hours	2208.0	483.9	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7
Indicator value	0	0	1.1	1.1	2.3	2.7	1.6	3.5

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



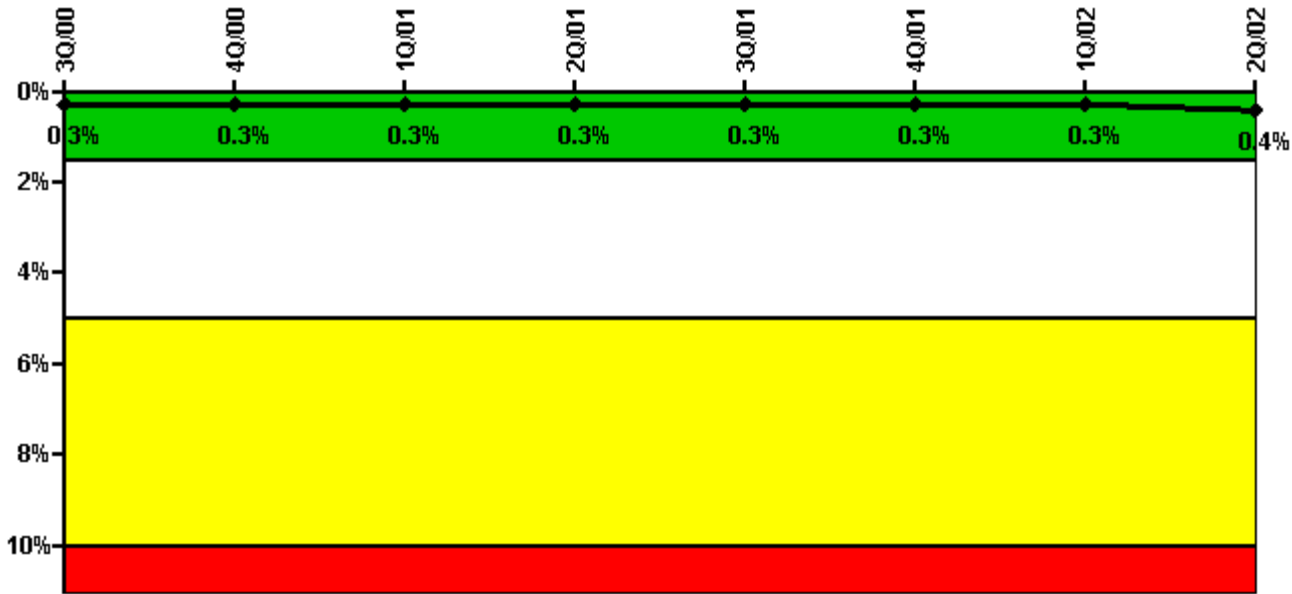
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	38.02	1.73	17.78	13.87	1.70	6.60	36.65	14.59
Unplanned unavailable hours	0	0	0	4.30	0	0	0	8.51
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1497.27	2150.80	2183.00	2208.00	2209.00	2160.00	1869.20
Train 2								
Planned unavailable hours	24.70	0	10.20	45.37	35.00	12.10	20.82	3.45
Unplanned unavailable hours	0	0	0	0	27.20	5.30	0	0.83
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	586.00	1608.60	2183.00	2208.00	2209.00	2160.00	1869.20
Indicator value	0.8%	0.8%	0.8%	0.9%	1.0%	1.0%	1.0%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

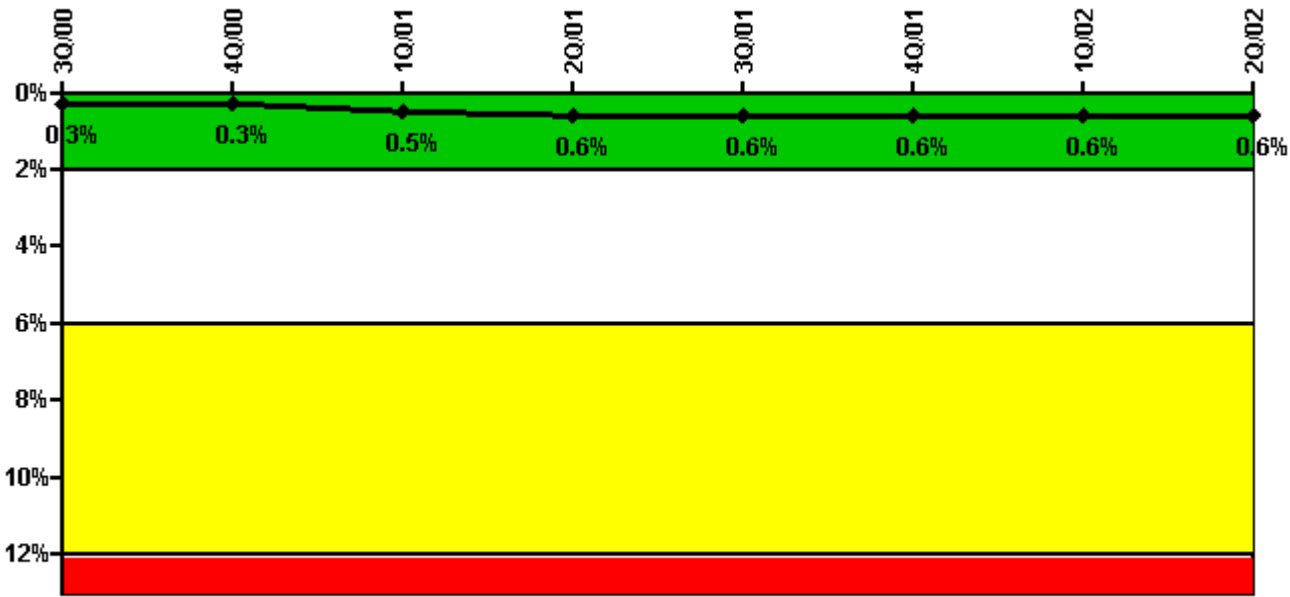
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	0	7.07	0	17.30	12.50	6.11	1.52
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	498.25	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80
Train 2								
Planned unavailable hours	2.20	0	0	37.96	0	4.40	14.65	2.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	498.25	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80
Train 3								
Planned unavailable hours	8.98	0	3.32	0	0	0	23.39	18.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70
Train 4								
Planned unavailable hours	0	0	0.72	13.70	26.80	0	14.18	21.14
Unplanned unavailable hours	0	0	0	0.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

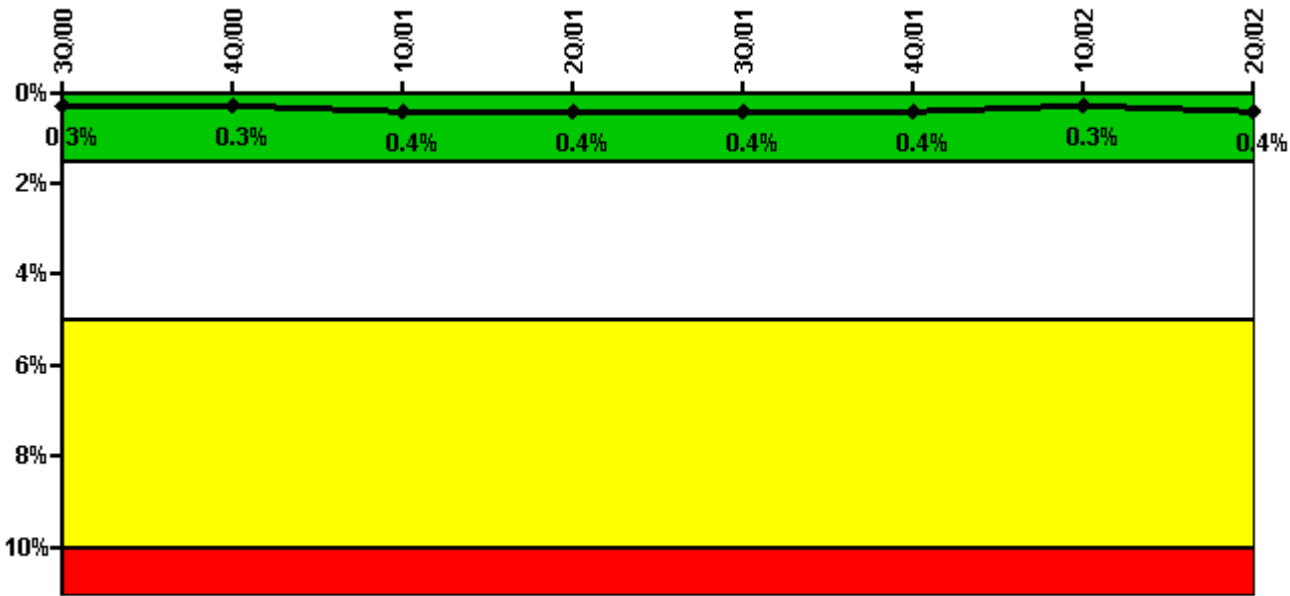
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.62	0	15.46	43.71	20.00	1.80	13.13	18.68
Unplanned unavailable hours	0	0	28.52	0	0	0	0	12.46
Fault exposure hours	0	0	64.55	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70
Train 2								
Planned unavailable hours	0.57	0	5.10	20.04	1.90	4.10	2.30	14.57
Unplanned unavailable hours	0	0	0.38	0	0	0	0	0.48
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70

Indicator value	0.3%	0.3%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%
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Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



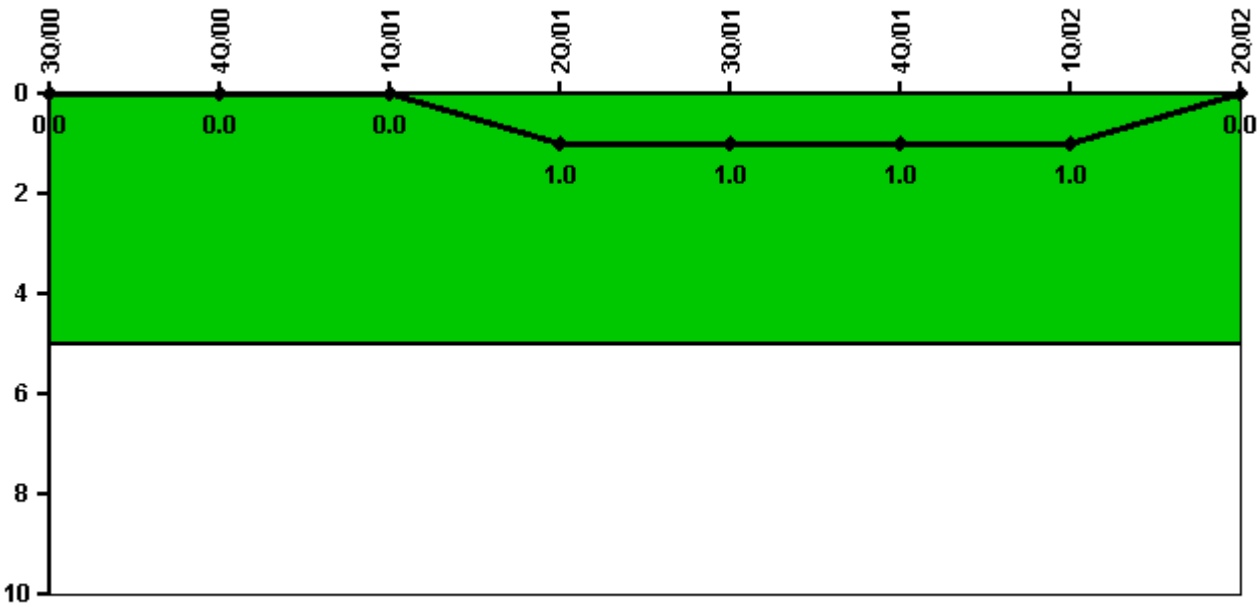
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	1.30	0.87	3.58	5.02	15.10	3.40	9.32	15.69
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00
Train 2								
Planned unavailable hours	10.28	0.77	12.06	11.50	2.50	10.00	13.17	14.12
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



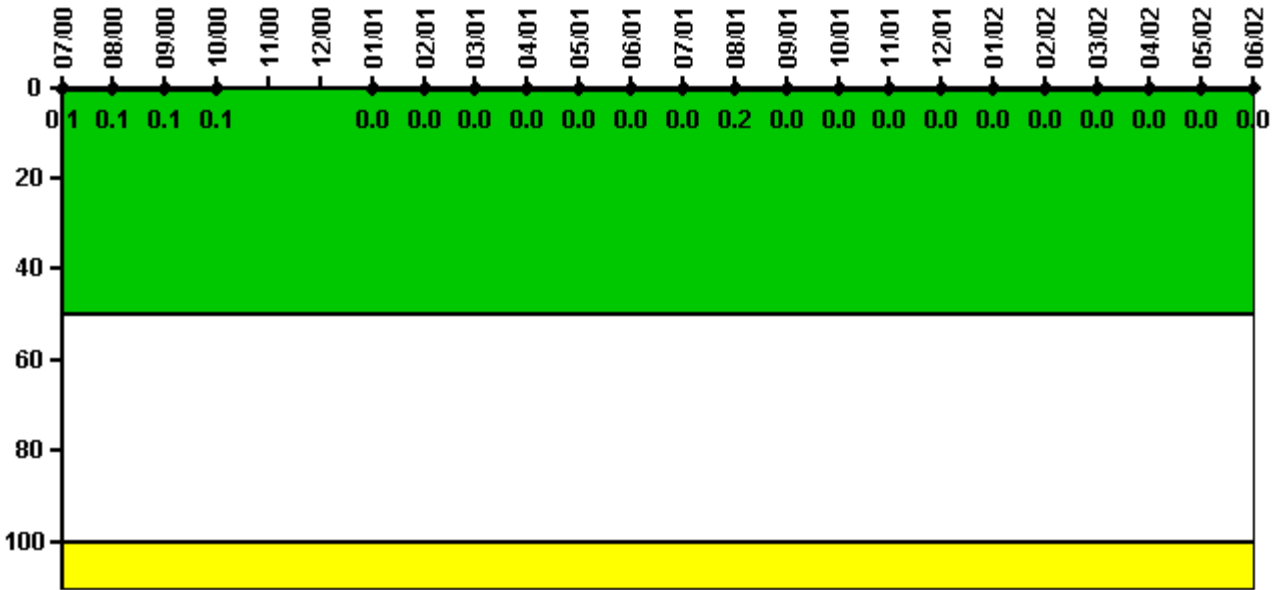
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

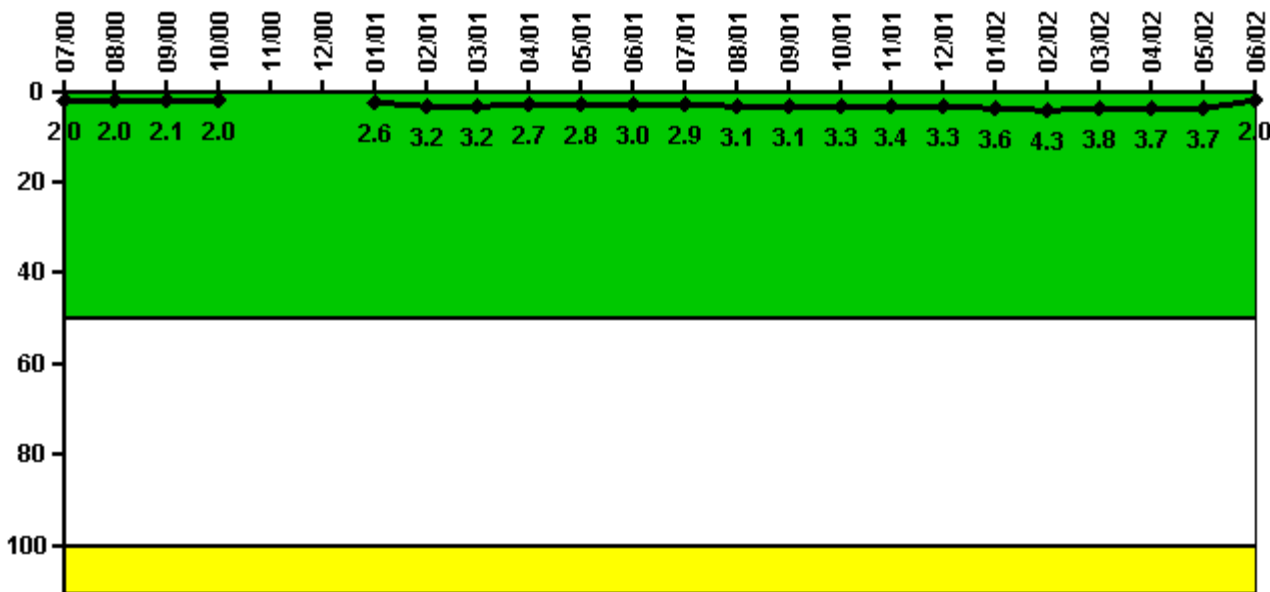
Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000700	0.000700	0.000700	0.000700	N/A	N/A	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0	0	0

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000332	0.001940	0.000300	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401	0.000448	0	0.000161
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.2	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/02: Plant Outage during the month of May.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

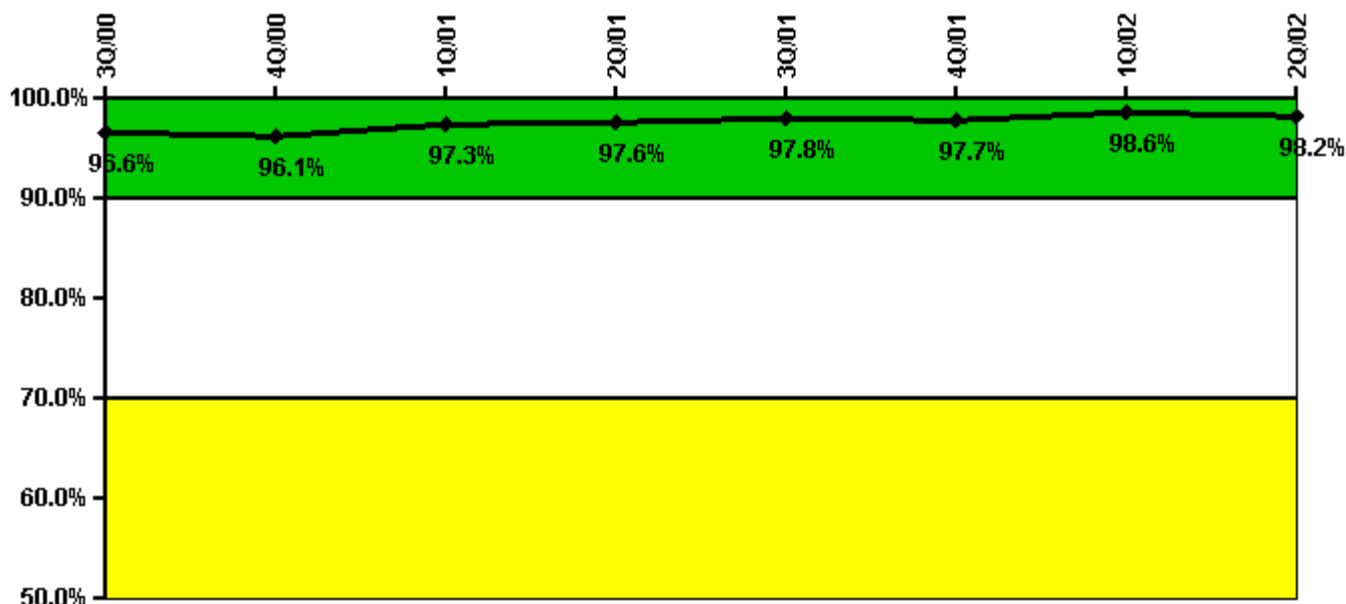
Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.200	0.200	0.210	0.200	N/A	N/A	0.260	0.320	0.320	0.270	0.280	0.300
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	2.0	2.1	2.0	N/A	N/A	2.6	3.2	3.2	2.7	2.8	3.0

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.290	0.310	0.310	0.330	0.340	0.330	0.360	0.430	0.380	0.370	0.370	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	3.1	3.1	3.3	3.4	3.3	3.6	4.3	3.8	3.7	3.7	2.0

Licensee Comments: none

Drill/Exercise Performance



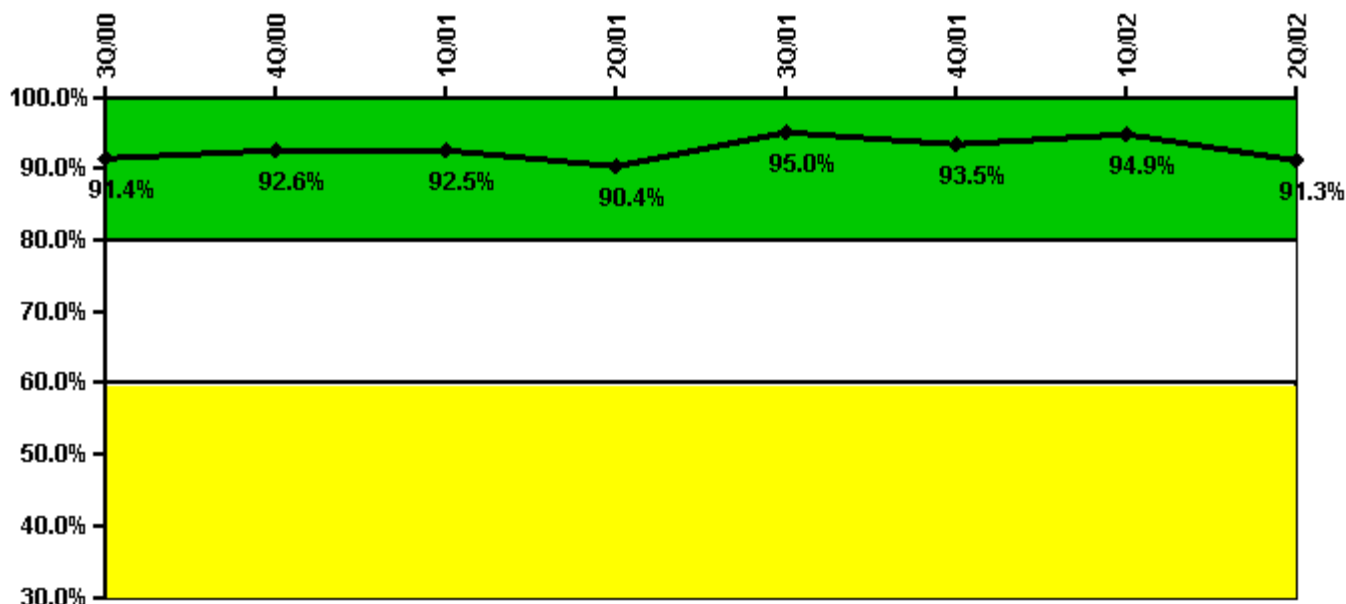
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	22.0	32.0	13.0	26.0	20.0	29.0	14.0	5.0
Total opportunities	22.0	34.0	13.0	26.0	20.0	30.0	14.0	5.0
Indicator value	96.6%	96.1%	97.3%	97.6%	97.8%	97.7%	98.6%	98.2%

Licensee Comments: none

ERO Drill Participation



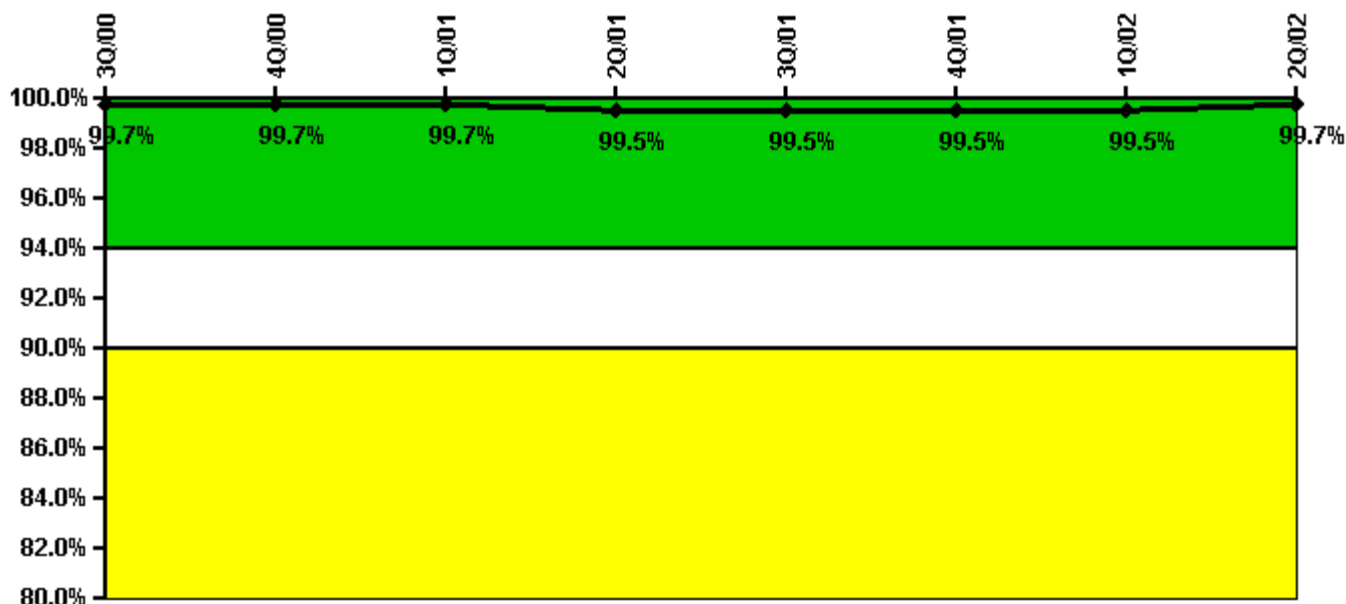
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	96.0	88.0	86.0	85.0	76.0	72.0	75.0	73.0
Total Key personnel	105.0	95.0	93.0	94.0	80.0	77.0	79.0	80.0
Indicator value	91.4%	92.6%	92.5%	90.4%	95.0%	93.5%	94.9%	91.3%

Licensee Comments: none

Alert & Notification System



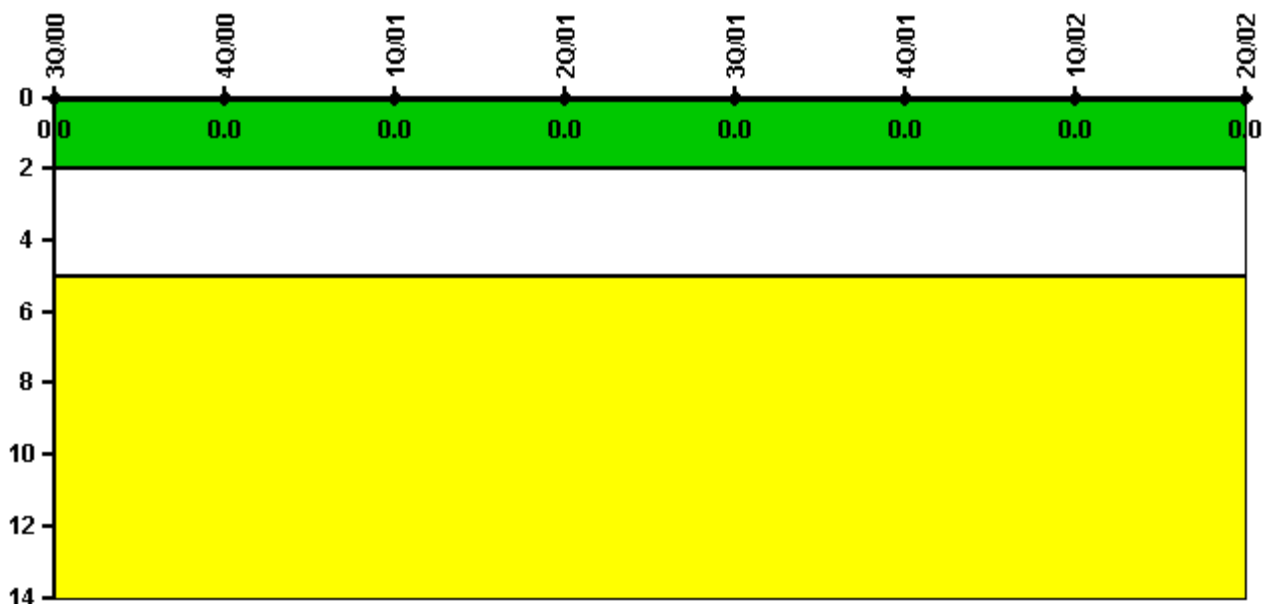
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	720	846	725	840	720	846	844	725
Total sirens-tests	726	847	726	847	726	847	847	726
Indicator value	99.7%	99.7%	99.7%	99.5%	99.5%	99.5%	99.5%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



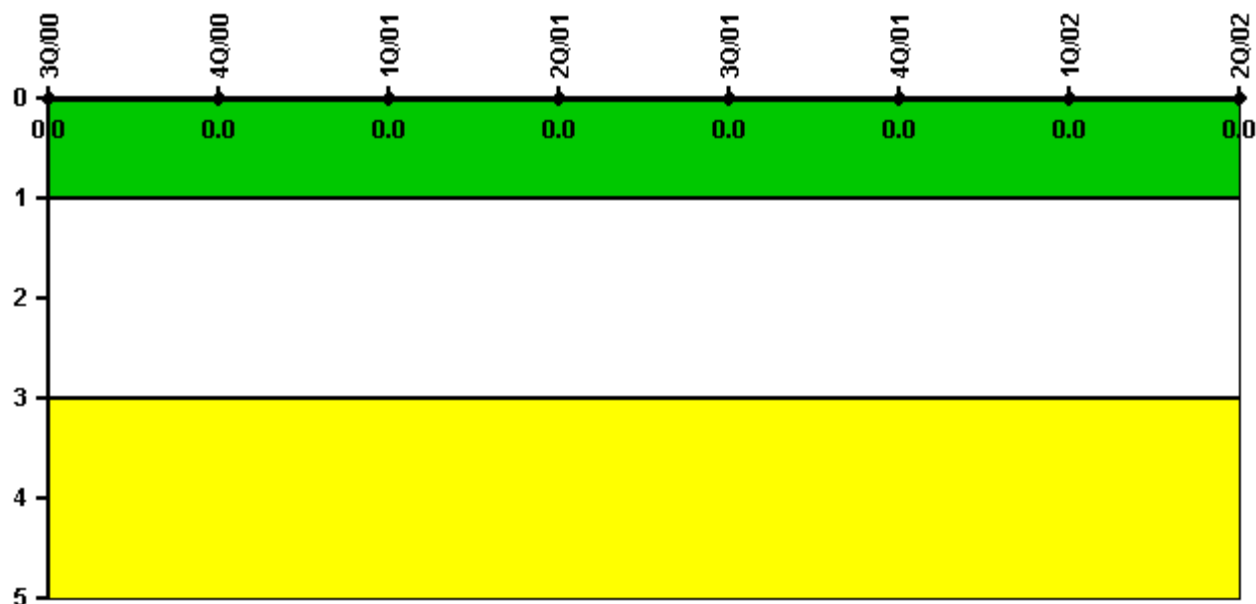
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



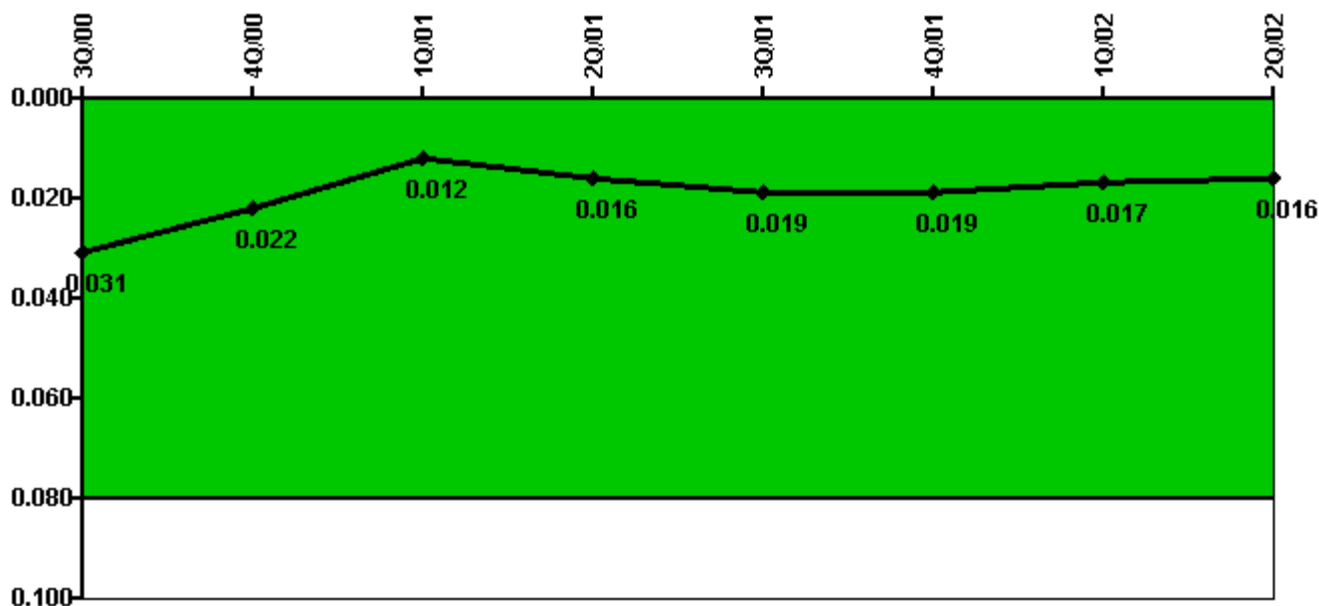
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



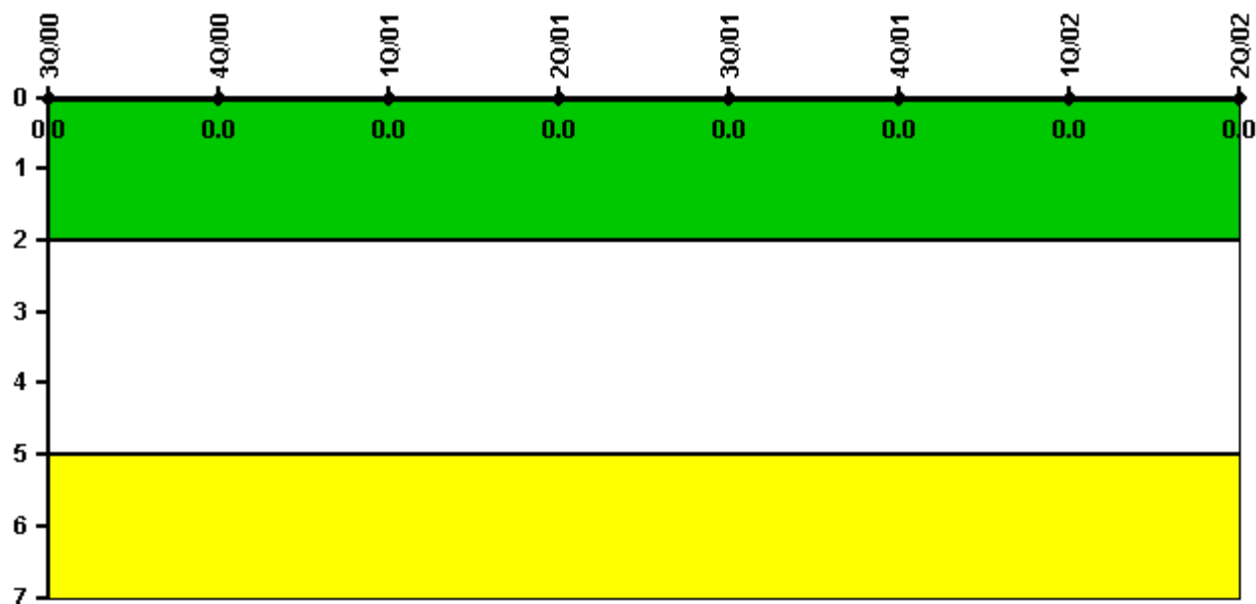
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	123.90	40.70	91.10	114.60	187.30	48.90	39.50	78.80
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.031	0.022	0.012	0.016	0.019	0.019	0.017	0.016

Licensee Comments: none

Personnel Screening Program



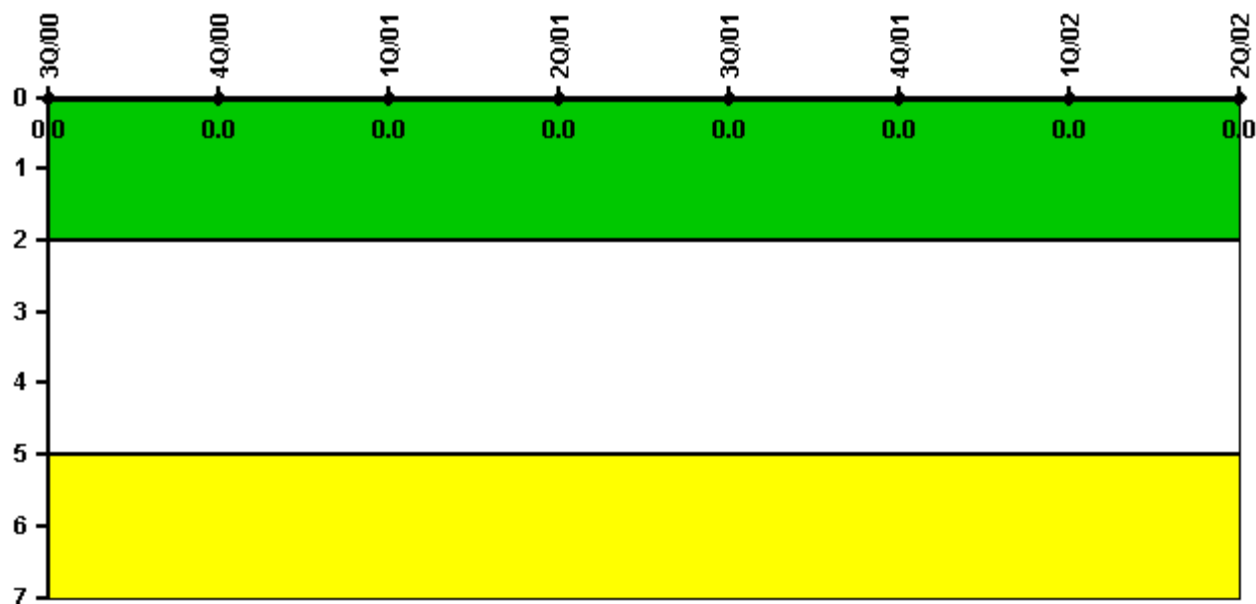
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

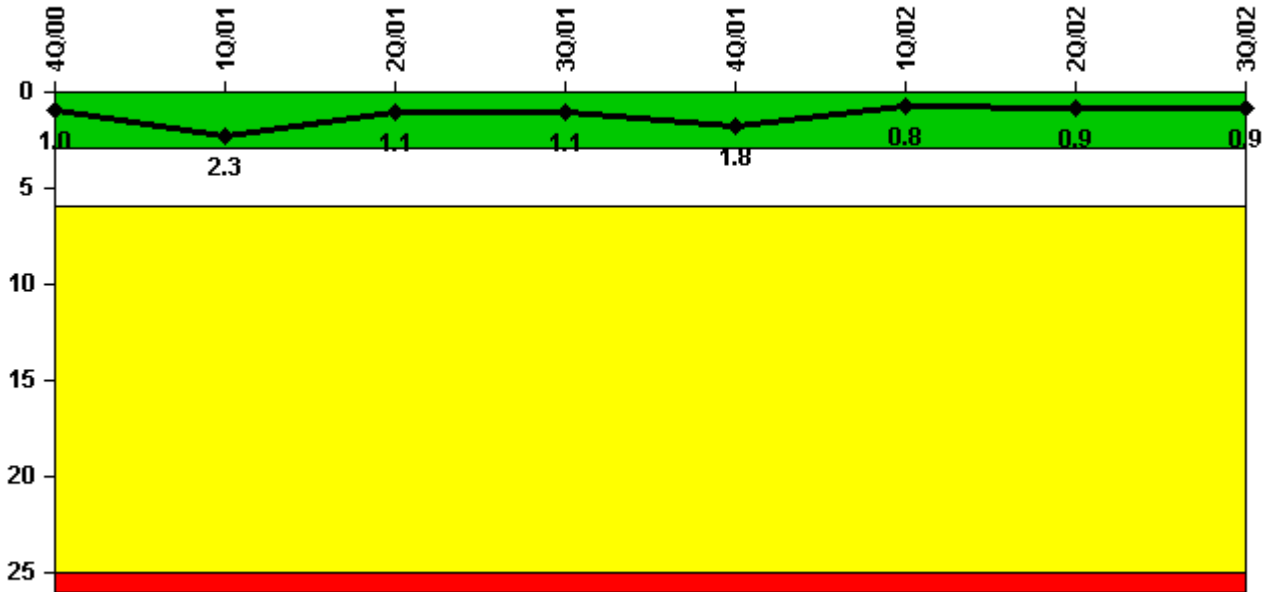
Last Modified: July 31, 2002

Seabrook 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



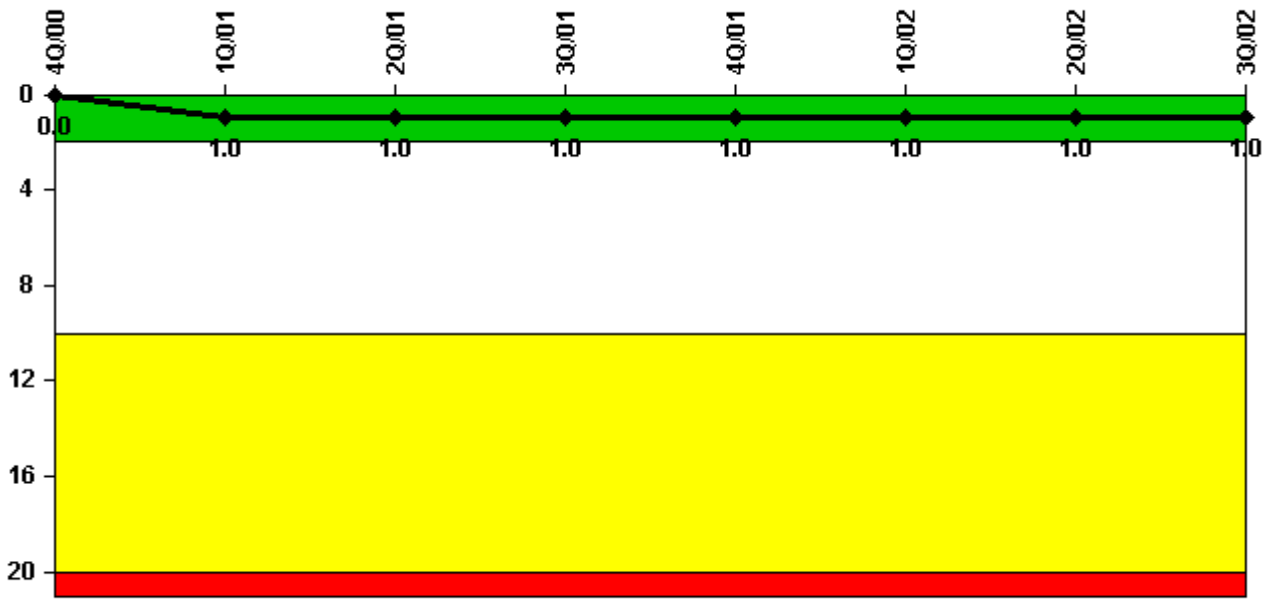
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	1.0	0	0	1.0	0	0	0
Critical hours	483.9	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0
Indicator value	1.0	2.3	1.1	1.1	1.8	0.8	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



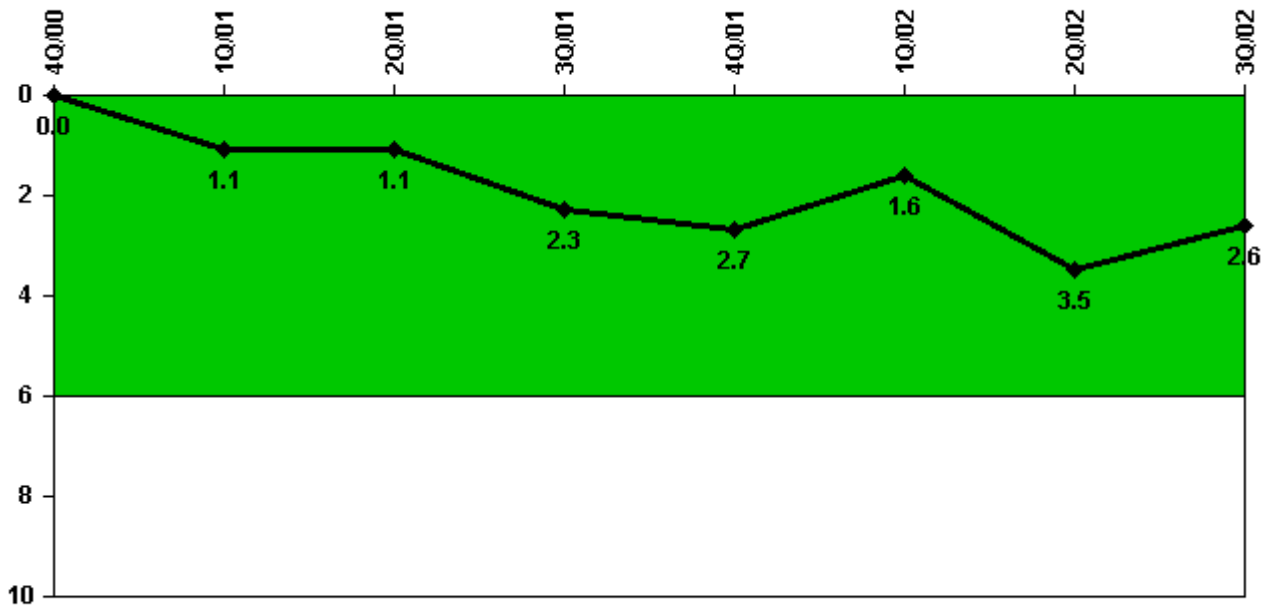
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



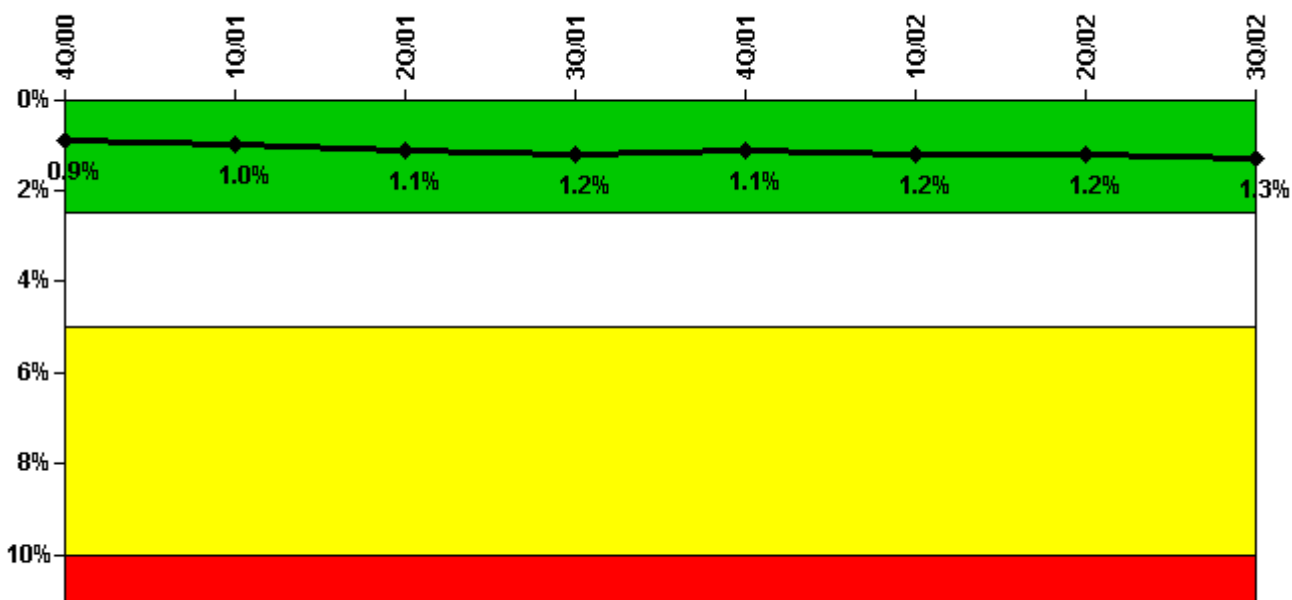
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	1.0	0	1.0	1.0	0	2.0	0
Critical hours	483.9	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0
Indicator value	0	1.1	1.1	2.3	2.7	1.6	3.5	2.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

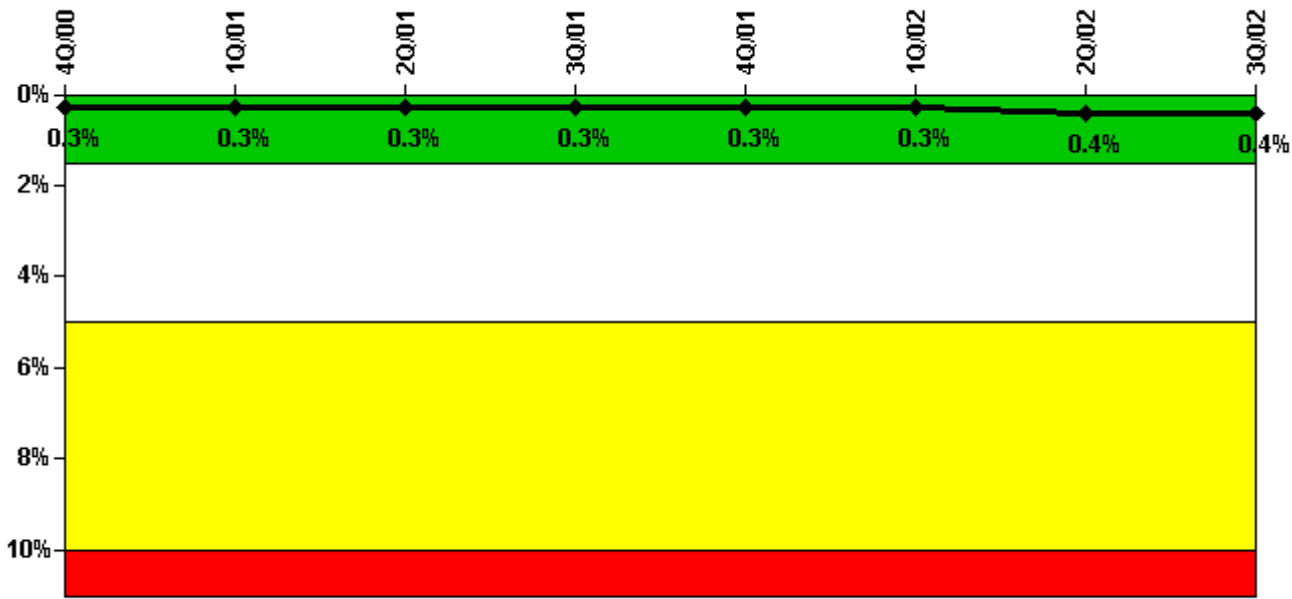
Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	1.73	17.78	13.87	1.70	6.60	36.65	14.59	17.57
Unplanned unavailable hours	0	0	4.30	0	0	0	8.51	16.32
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1497.27	2150.80	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00
Train 2								
Planned unavailable hours	0	10.20	45.37	35.00	12.10	20.82	3.45	5.65
Unplanned unavailable hours	0	0	0	27.20	5.30	0	0.83	82.35
Fault exposure hours	70.28	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	586.00	1608.60	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00
Indicator value	0.9%	1.0%	1.1%	1.2%	1.1%	1.2%	1.2%	1.3%

Licensee Comments:

4Q/00: Entered Fault Exposure Hours in accordance with NRC Inspection Report 2000-11.

Safety System Unavailability, High Pressure Injection System (HPSI)



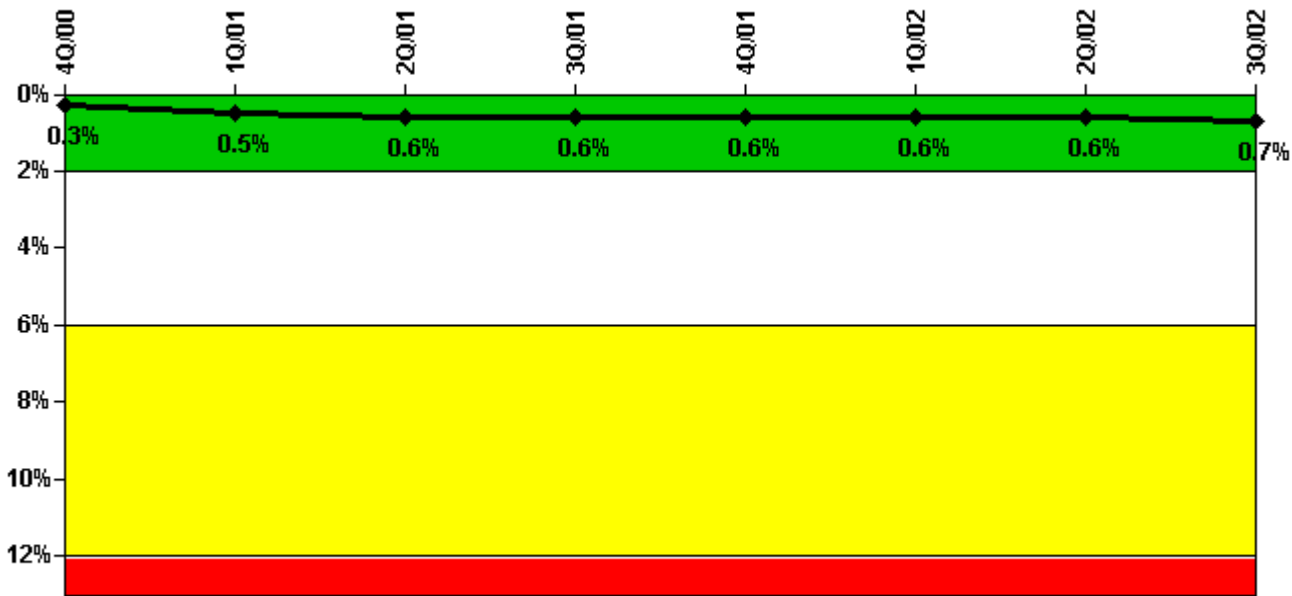
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	7.07	0	17.30	12.50	6.11	1.52	1.62
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00
Train 2								
Planned unavailable hours	0	0	37.96	0	4.40	14.65	2.80	1.32
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00
Train 3								
Planned unavailable hours	0	3.32	0	0	0	23.39	18.20	1.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00
Train 4								
Planned unavailable hours	0	0.72	13.70	26.80	0	14.18	21.14	12.45
Unplanned unavailable hours	0	0	0.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



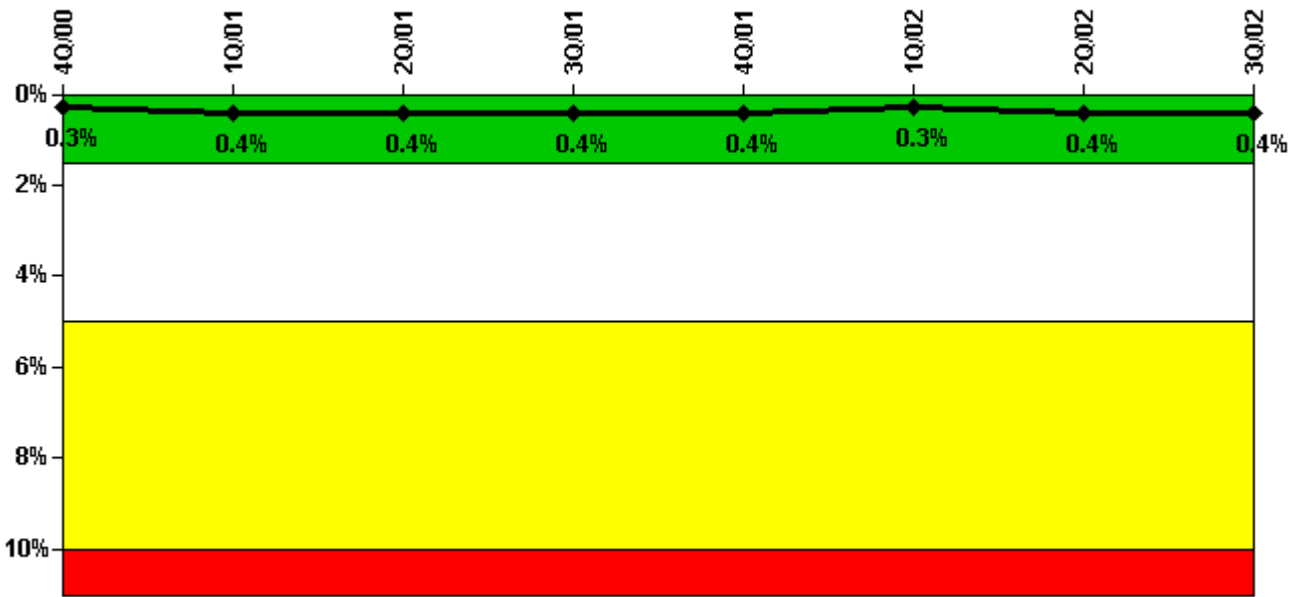
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	15.46	43.71	20.00	1.80	13.13	18.68	8.66
Unplanned unavailable hours	0	28.52	0	0	0	0	12.46	0
Fault exposure hours	0	64.55	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00
Train 2								
Planned unavailable hours	0	5.10	20.04	1.90	4.10	2.30	14.57	0
Unplanned unavailable hours	0	0.38	0	0	0	0	0.48	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	498.25	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00
Indicator value	0.3%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



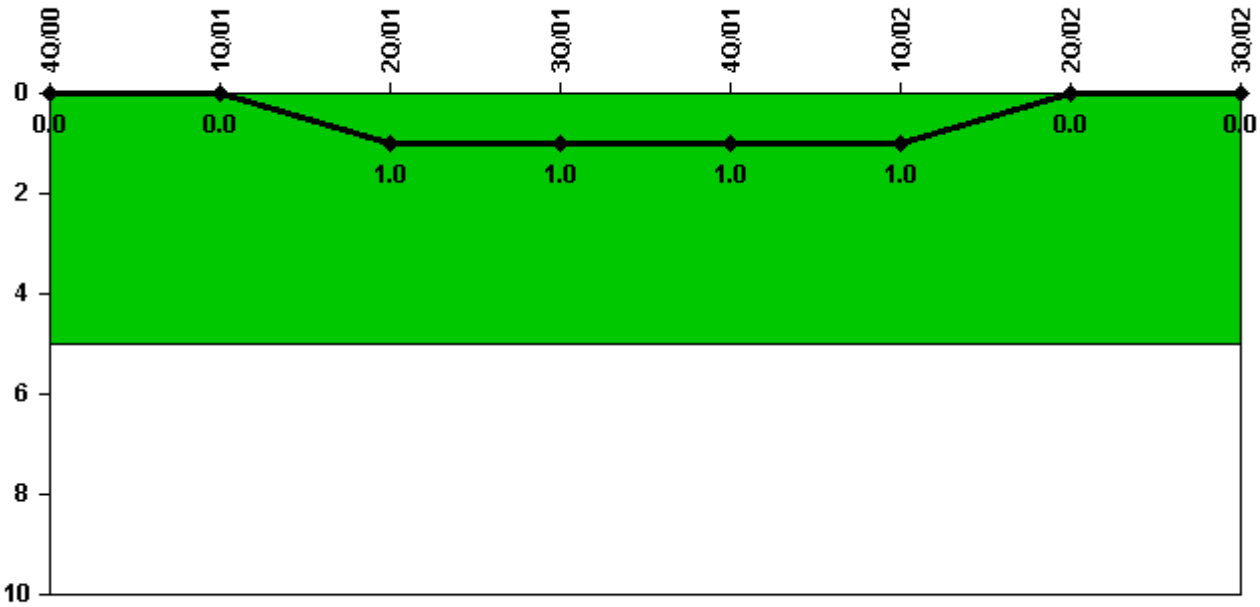
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.87	3.58	5.02	15.10	3.40	9.32	15.69	19.59
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00
Train 2								
Planned unavailable hours	0.77	12.06	11.50	2.50	10.00	13.17	14.12	14.39
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1025.46	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



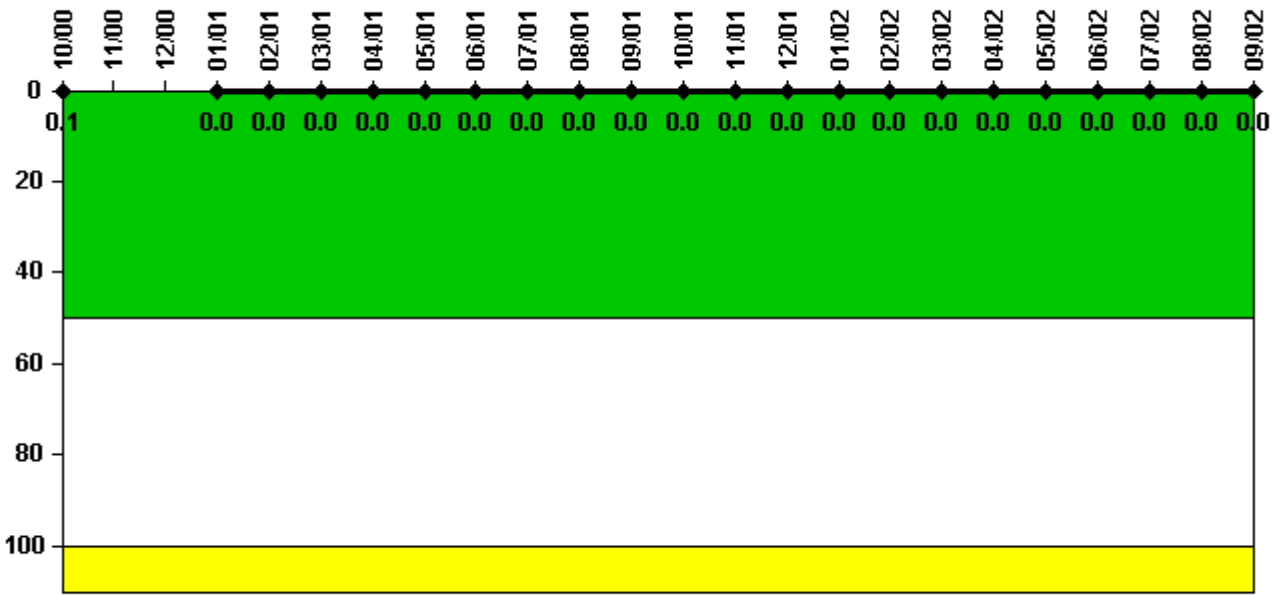
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000700	N/A	N/A	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440	0.000332	0.000356	0.000300
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	N/A	0	0	0	0	0	0	0	0	0

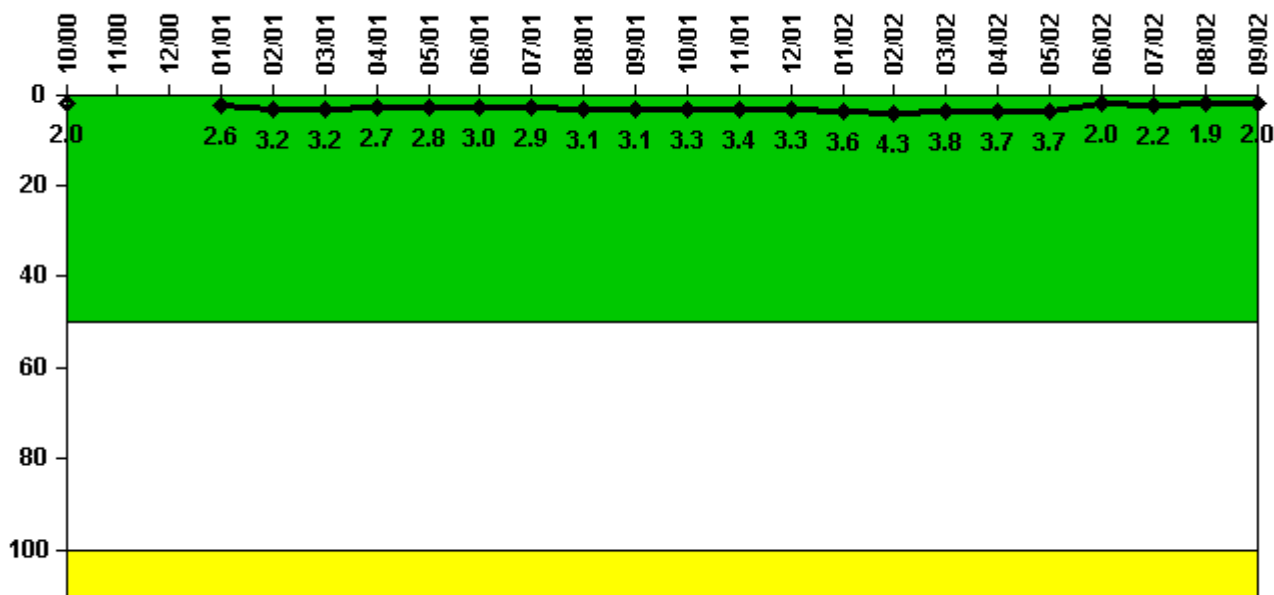
Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401	0.000448	0	0.000142	0.000165	0.000164	0.000177
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/02: Revised June Data from .000161 to the value of .000142.

9/01: Revised August data from .00194 to value of .000356.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

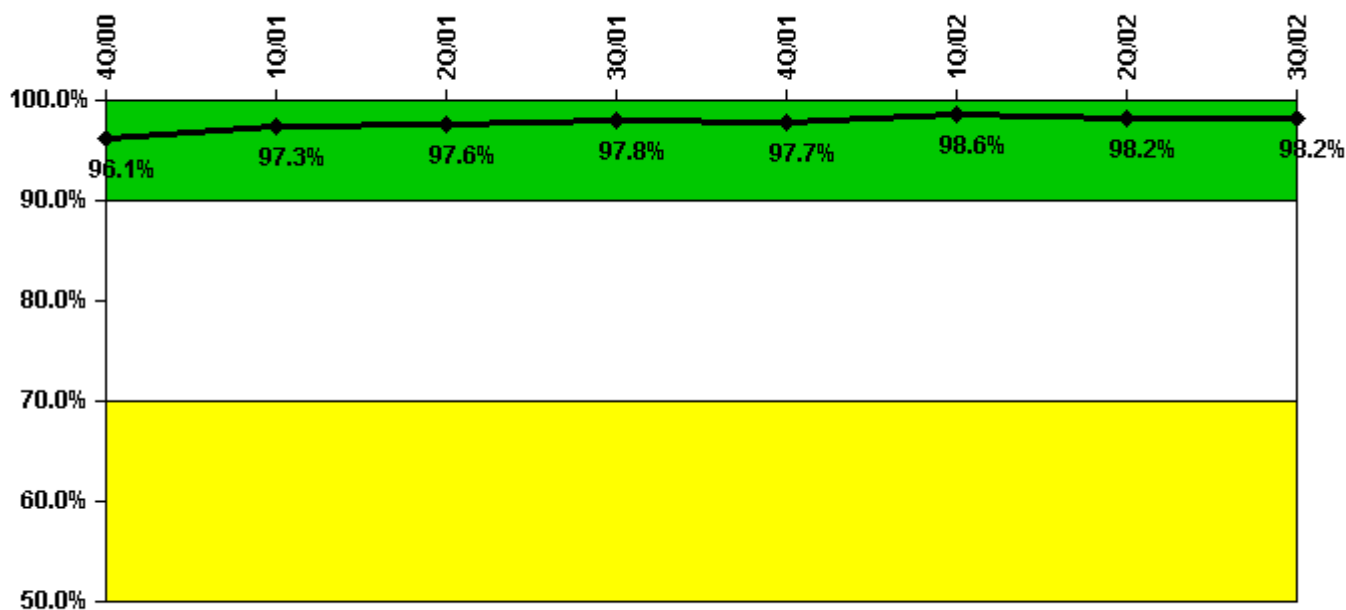
Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.200	N/A	N/A	0.260	0.320	0.320	0.270	0.280	0.300	0.290	0.310	0.310
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	N/A	N/A	2.6	3.2	3.2	2.7	2.8	3.0	2.9	3.1	3.1

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.330	0.340	0.330	0.360	0.430	0.380	0.370	0.370	0.200	0.220	0.190	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.3	3.4	3.3	3.6	4.3	3.8	3.7	3.7	2.0	2.2	1.9	2.0

Licensee Comments: none

Drill/Exercise Performance



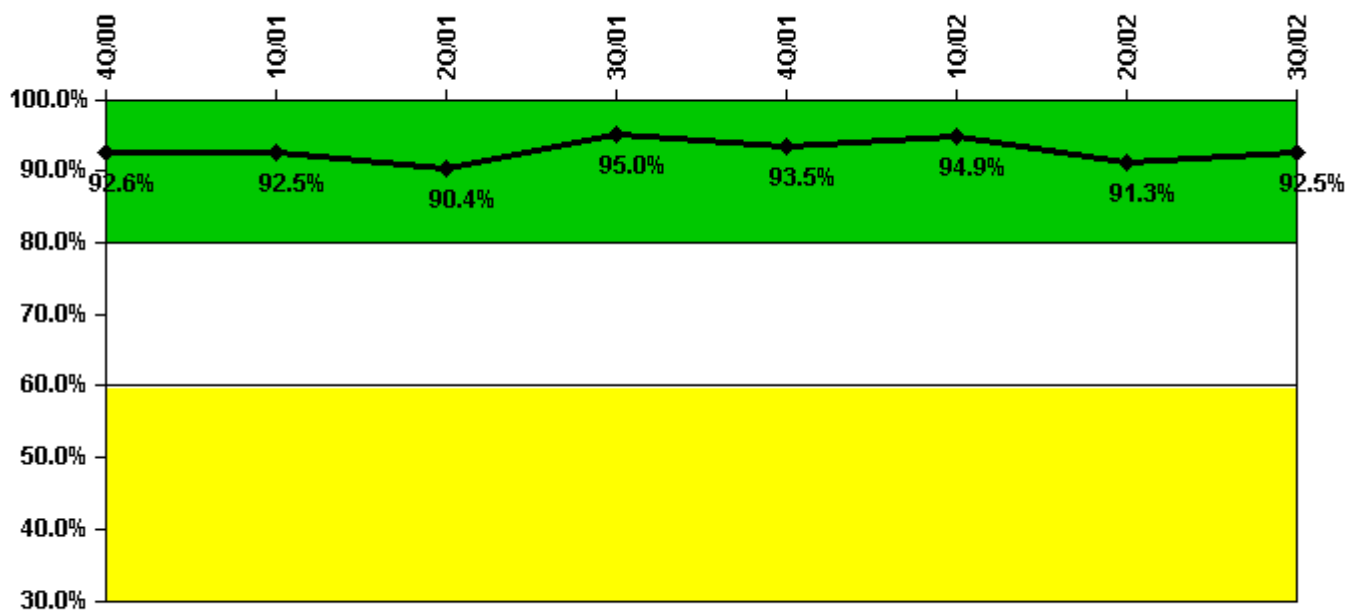
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	32.0	13.0	26.0	20.0	29.0	14.0	5.0	26.0
Total opportunities	34.0	13.0	26.0	20.0	30.0	14.0	5.0	26.0
Indicator value	96.1%	97.3%	97.6%	97.8%	97.7%	98.6%	98.2%	98.2%

Licensee Comments: none

ERO Drill Participation



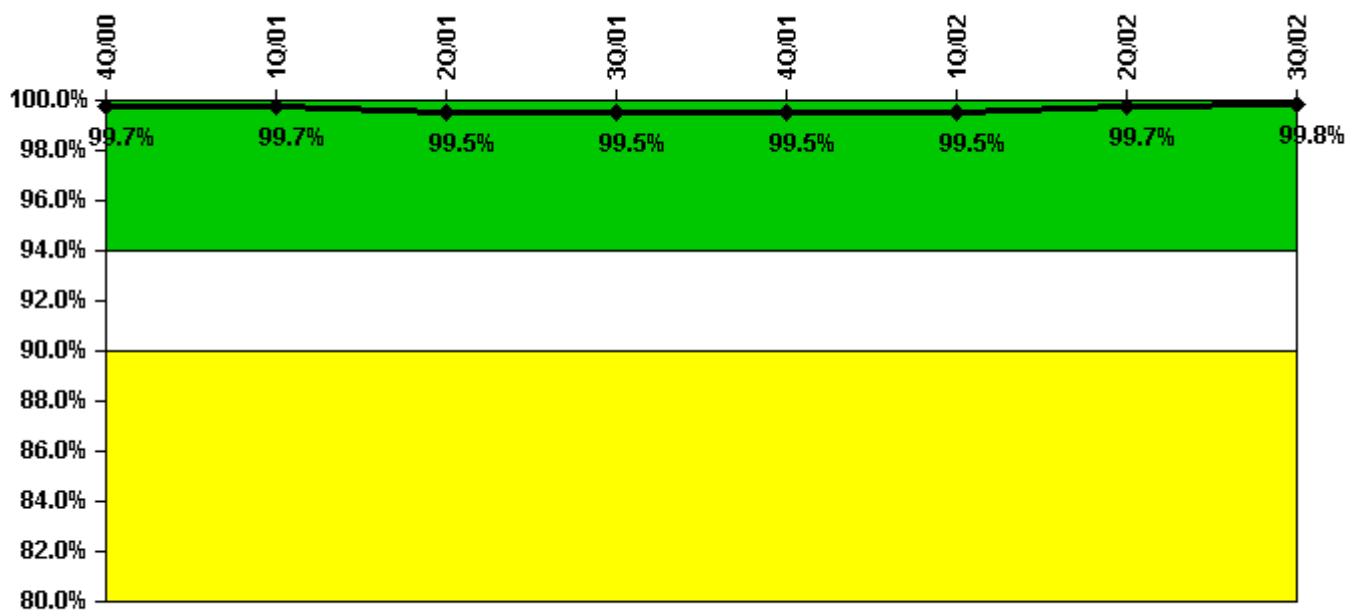
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	88.0	86.0	85.0	76.0	72.0	75.0	73.0	74.0
Total Key personnel	95.0	93.0	94.0	80.0	77.0	79.0	80.0	80.0
Indicator value	92.6%	92.5%	90.4%	95.0%	93.5%	94.9%	91.3%	92.5%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

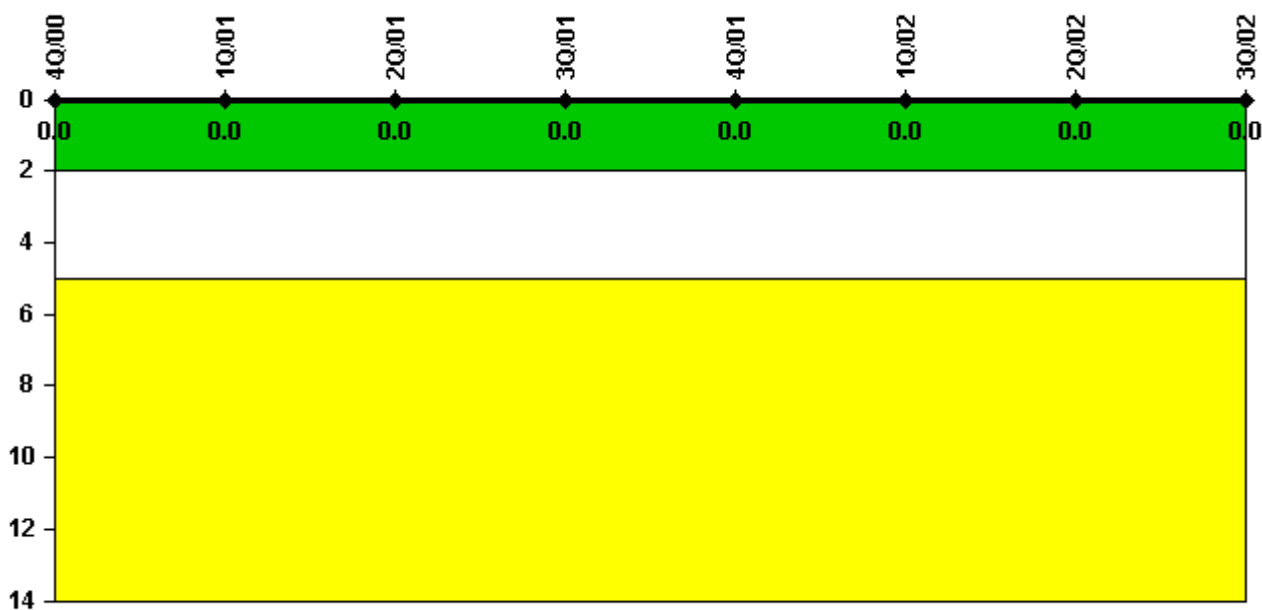
Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	846	725	840	720	846	844	725	846
Total sirens-tests	847	726	847	726	847	847	726	847
Indicator value	99.7%	99.7%	99.5%	99.5%	99.5%	99.5%	99.7%	99.8%

Licensee Comments:

3Q/02: There were three test cycles in the Month of September.

Occupational Exposure Control Effectiveness



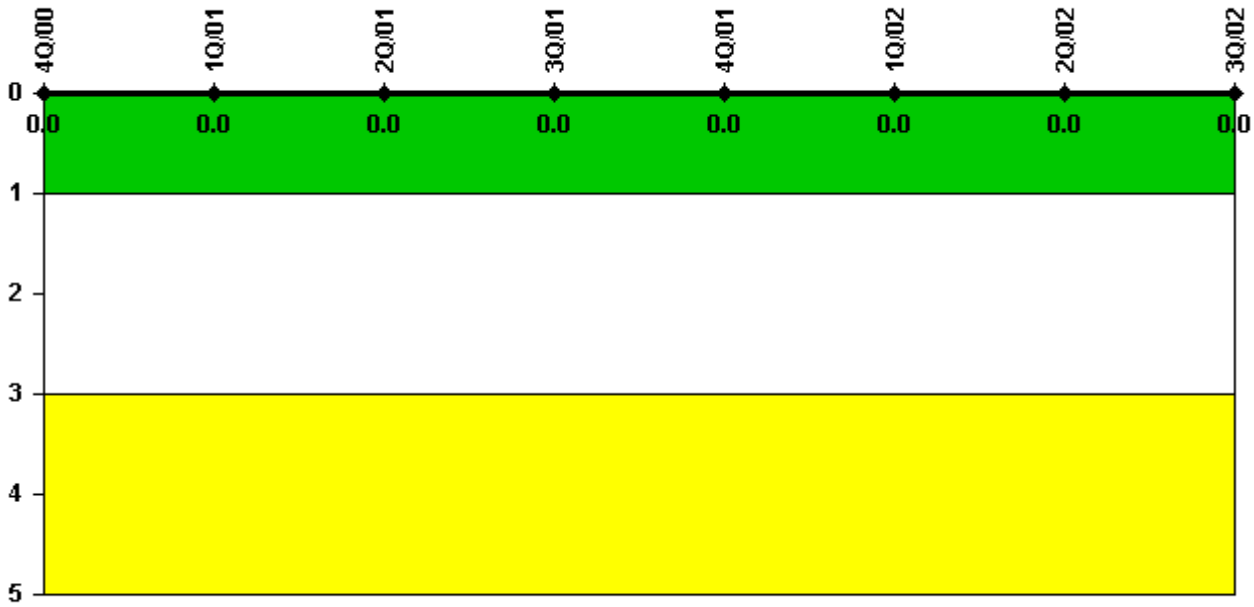
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



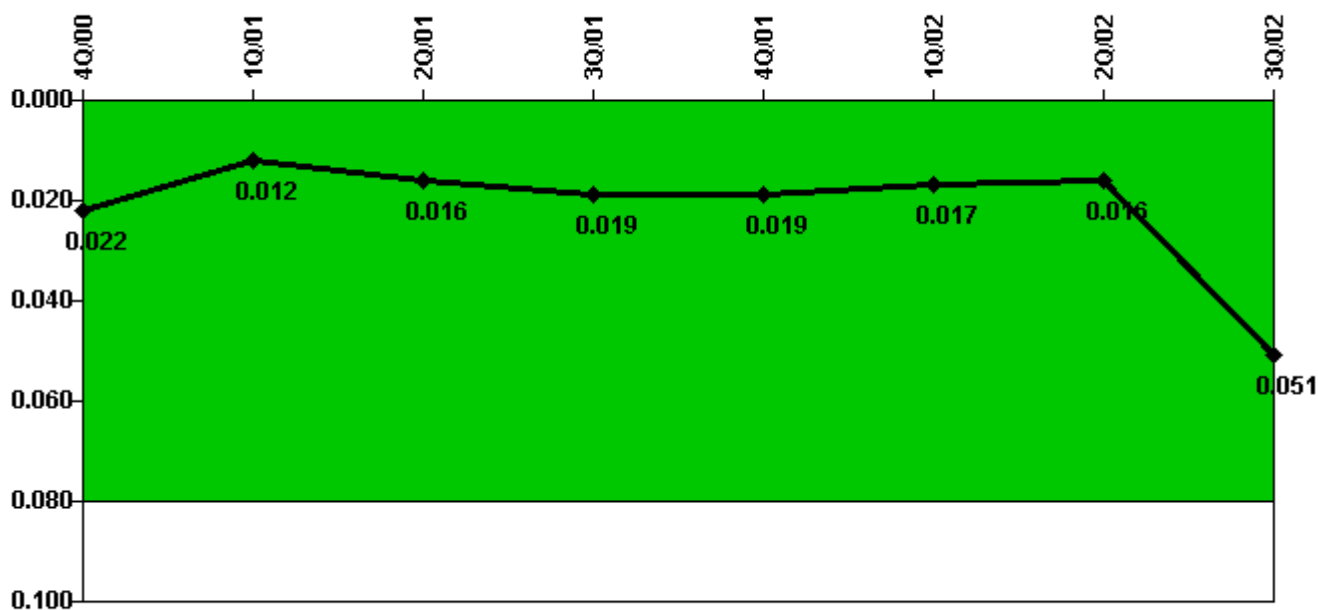
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



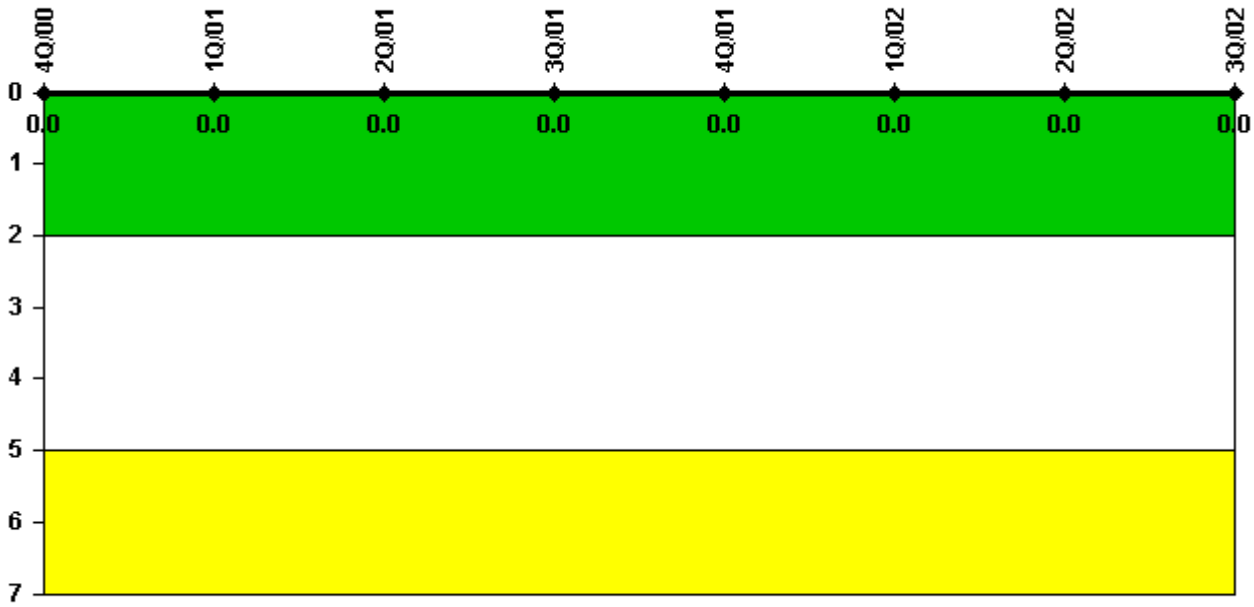
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	40.70	91.10	114.60	187.30	48.90	39.50	78.80	983.30
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.022	0.012	0.016	0.019	0.019	0.017	0.016	0.051

Licensee Comments: none

Personnel Screening Program



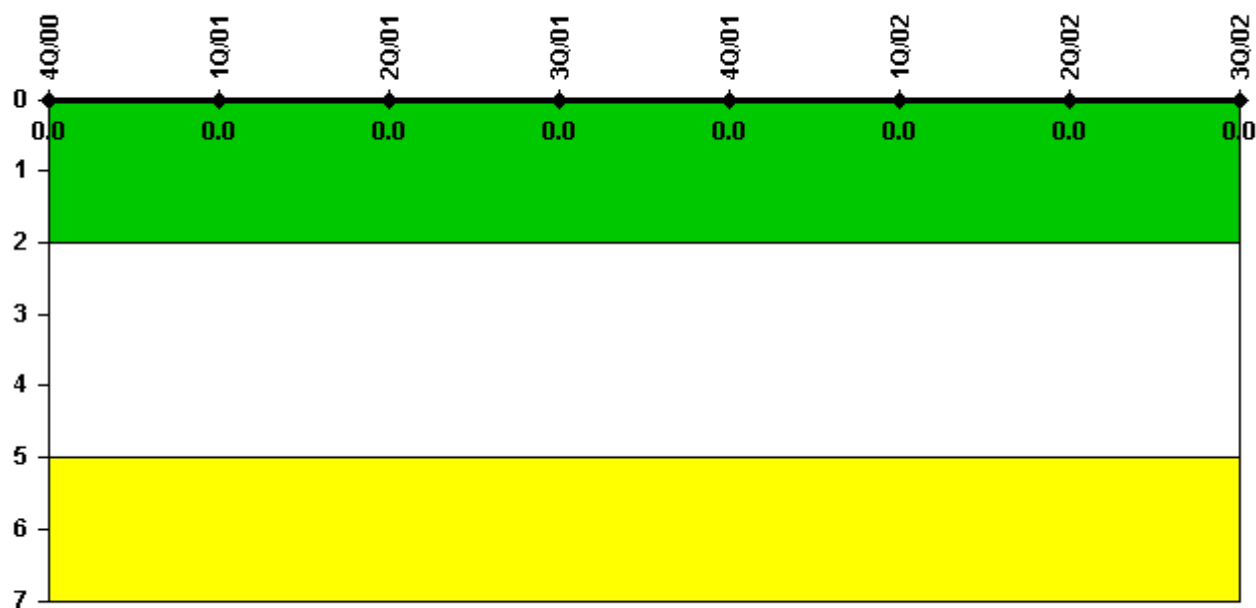
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

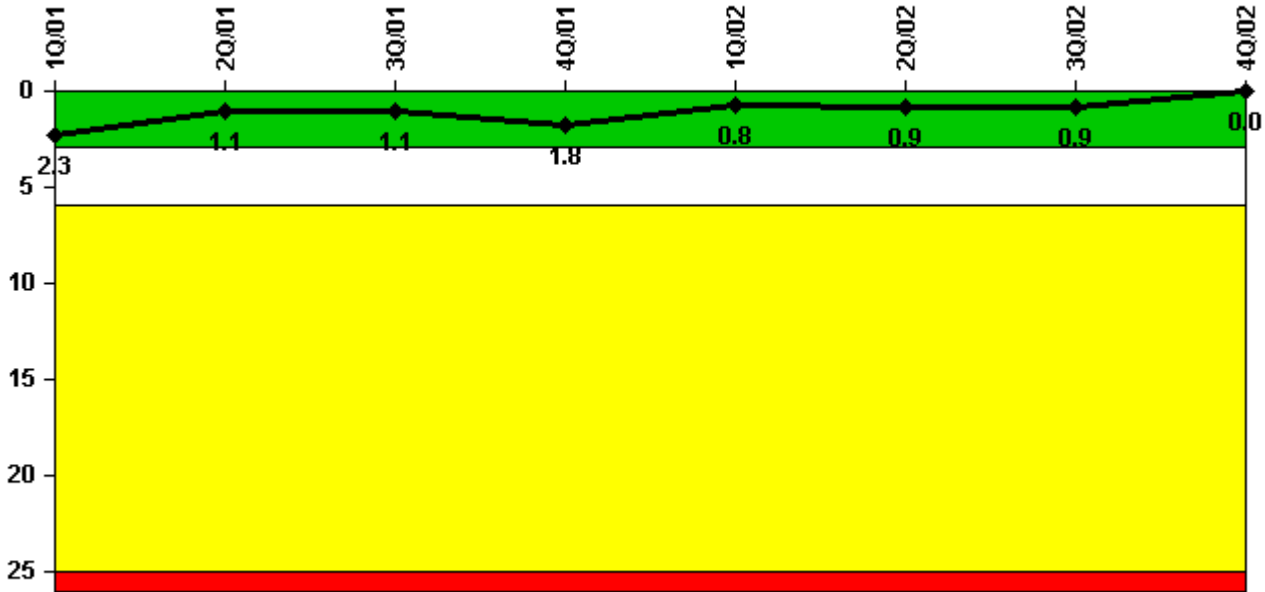
Last Modified: October 22, 2002

Seabrook 1

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



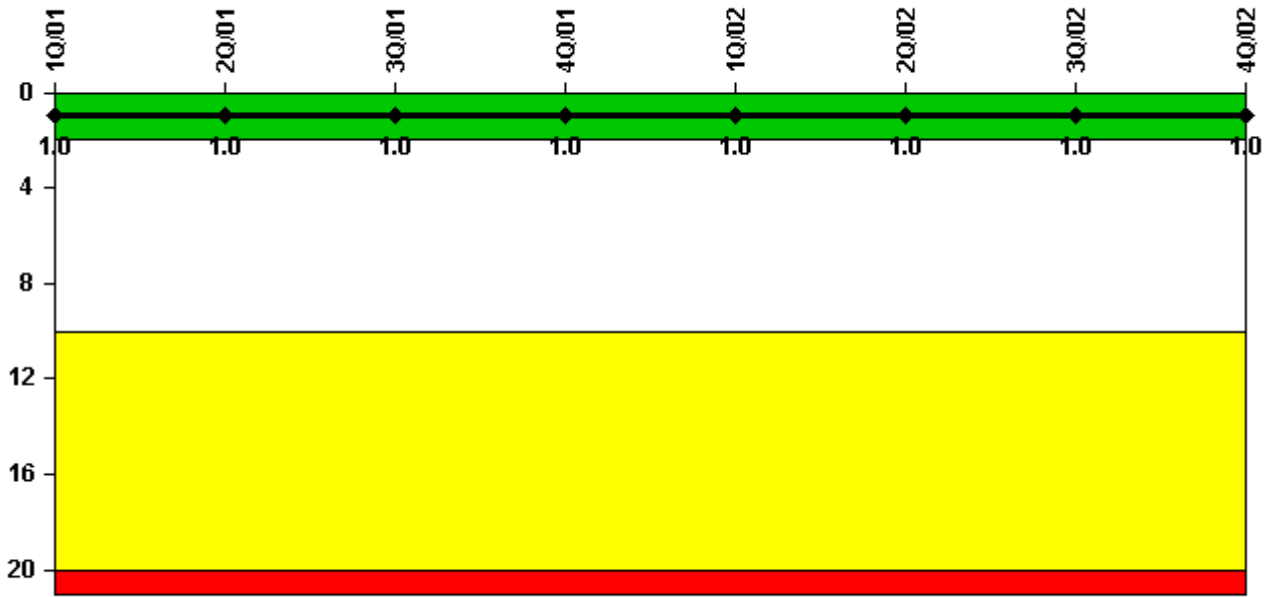
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0
Indicator value	2.3	1.1	1.1	1.8	0.8	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



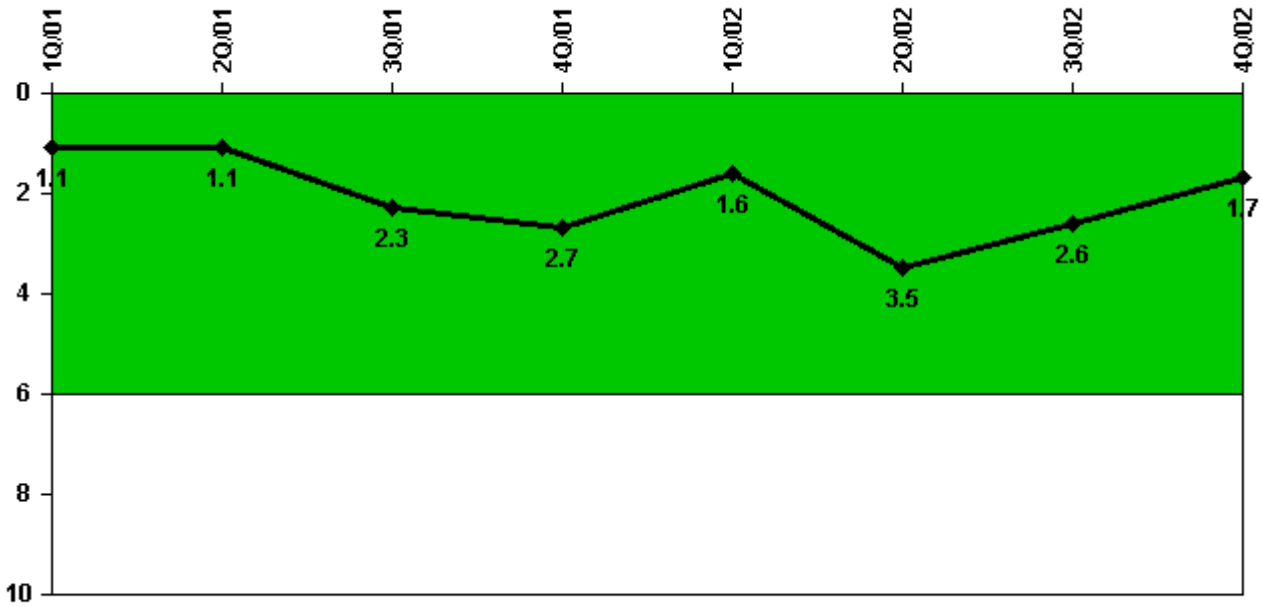
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	1.0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



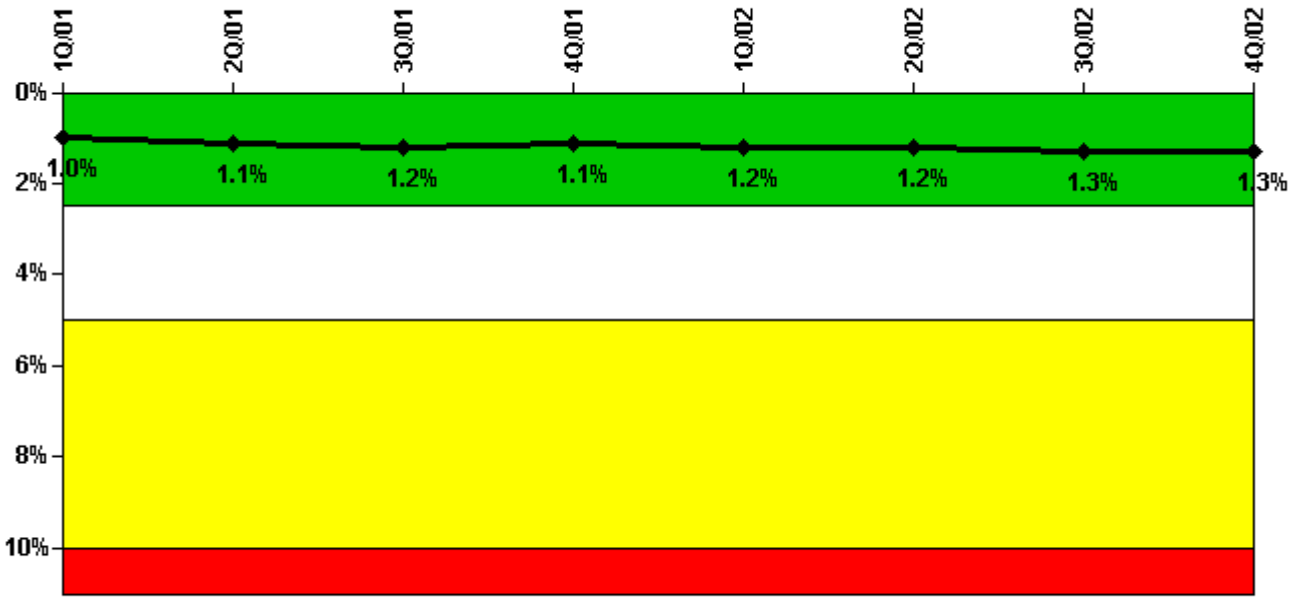
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	1.0	0	1.0	1.0	0	2.0	0	0
Critical hours	1310.4	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0
Indicator value	1.1	1.1	2.3	2.7	1.6	3.5	2.6	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



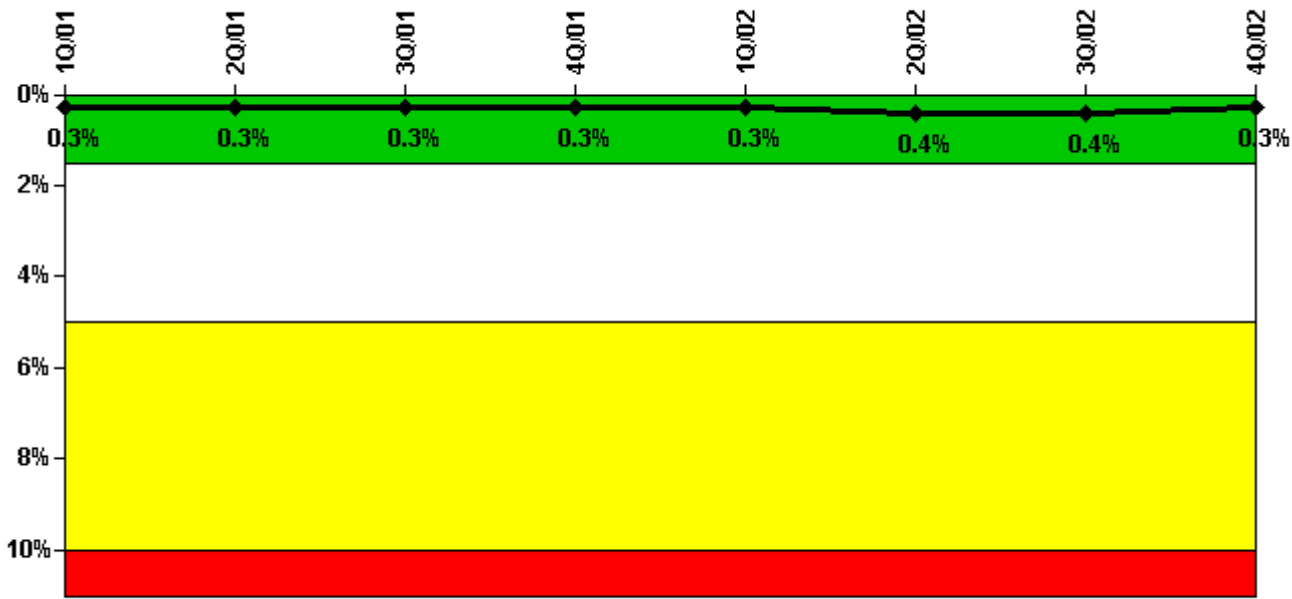
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	17.78	13.87	1.70	6.60	36.65	14.59	17.57	24.06
Unplanned unavailable hours	0	4.30	0	0	0	8.51	16.32	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2150.80	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00
Train 2								
Planned unavailable hours	10.20	45.37	35.00	12.10	20.82	3.45	5.65	20.01
Unplanned unavailable hours	0	0	27.20	5.30	0	0.83	82.35	10.61
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1608.60	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00
Indicator value	1.0%	1.1%	1.2%	1.1%	1.2%	1.2%	1.3%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



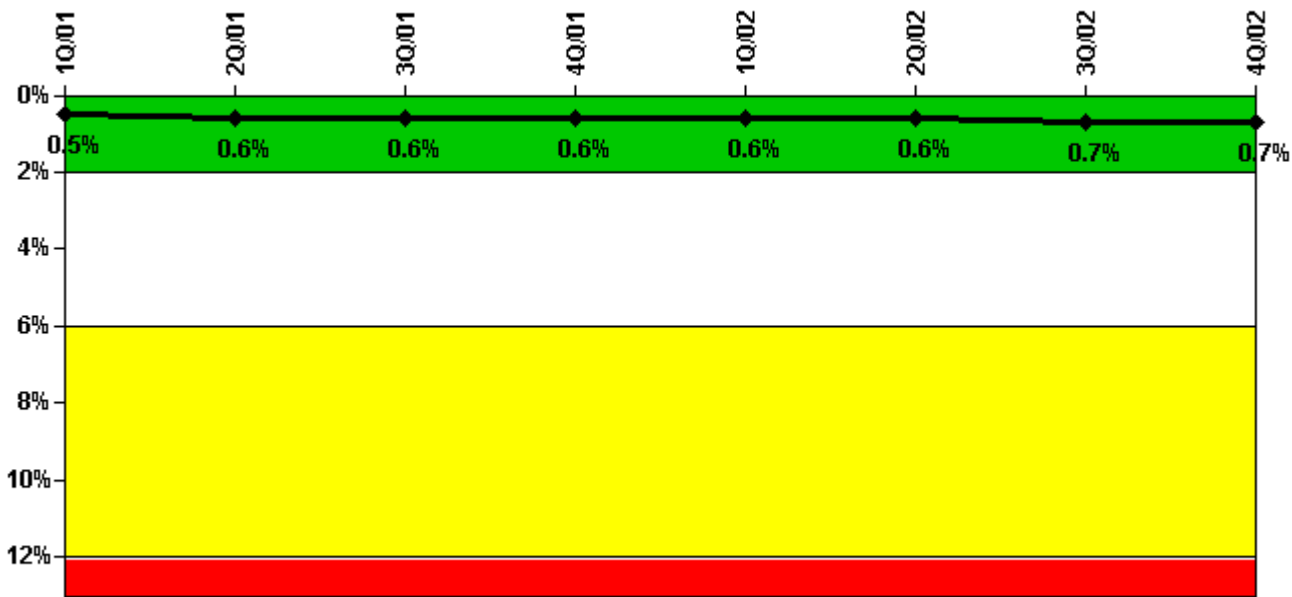
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	7.07	0	17.30	12.50	6.11	1.52	1.62	21.75
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00
Train 2								
Planned unavailable hours	0	37.96	0	4.40	14.65	2.80	1.32	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1697.20	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00
Train 3								
Planned unavailable hours	3.32	0	0	0	23.39	18.20	1.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00
Train 4								
Planned unavailable hours	0.72	13.70	26.80	0	14.18	21.14	12.45	1.17
Unplanned unavailable hours	0	0.10	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



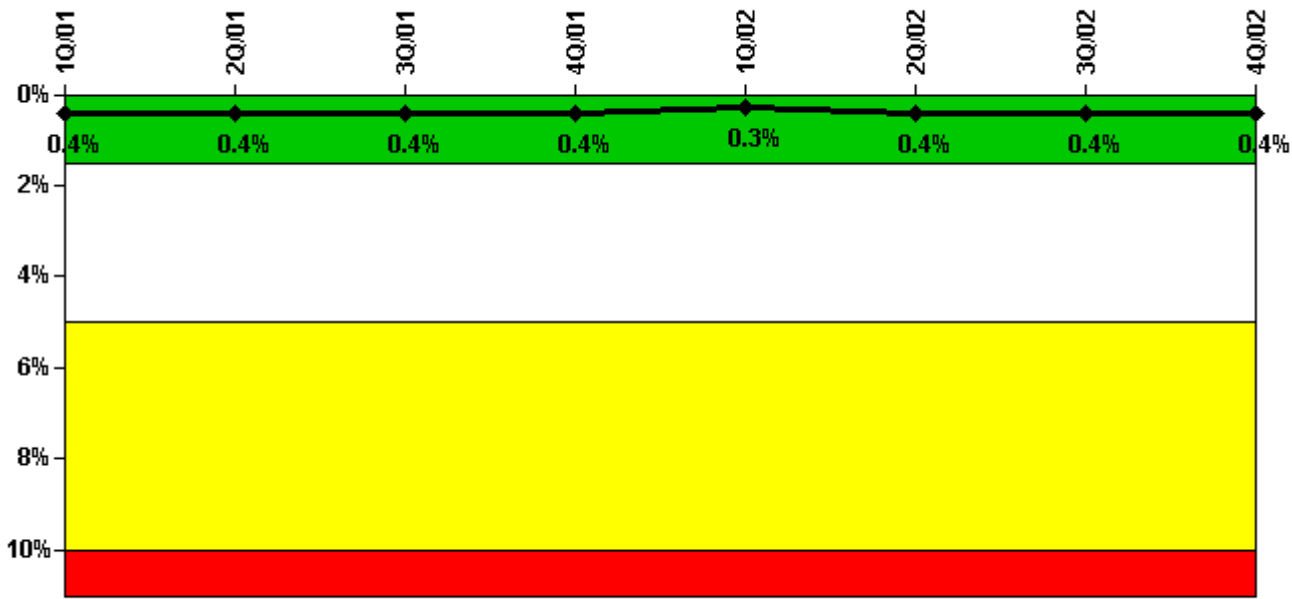
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	15.46	43.71	20.00	1.80	13.13	18.68	8.66	3.82
Unplanned unavailable hours	28.52	0	0	0	0	12.46	0	0
Fault exposure hours	64.55	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00
Train 2								
Planned unavailable hours	5.10	20.04	1.90	4.10	2.30	14.57	0	0
Unplanned unavailable hours	0.38	0	0	0	0	0.48	0	0.23
Fault exposure hours	0	0	0	0	0	0	0	3.90
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1409.00	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



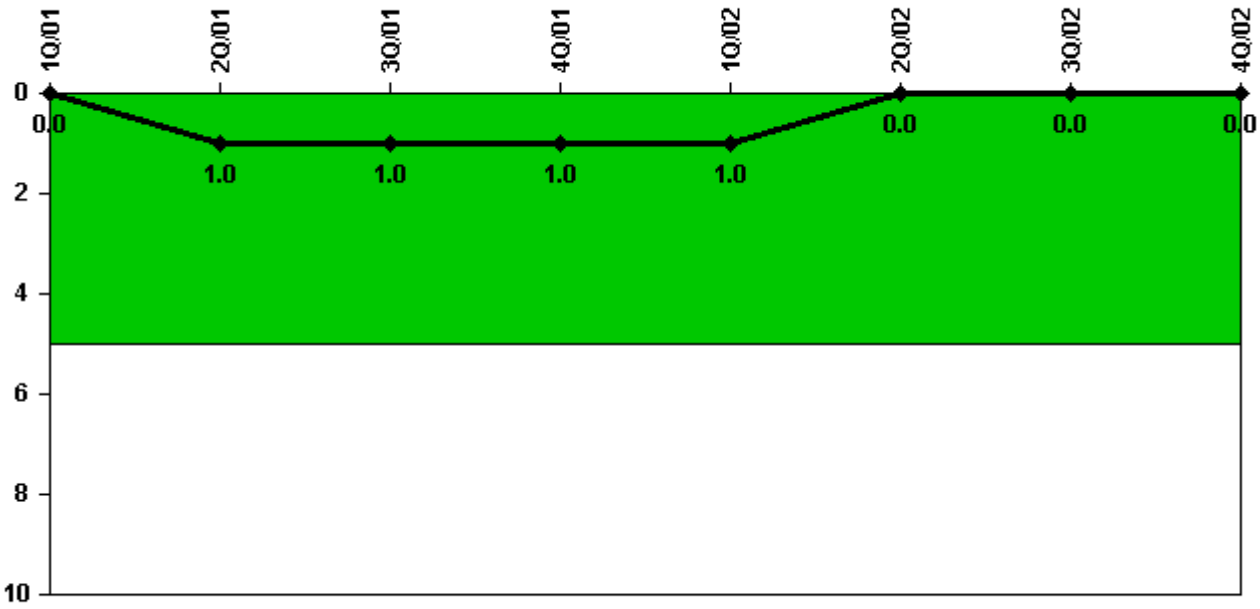
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	3.58	5.02	15.10	3.40	9.32	15.69	19.59	5.08
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00
Train 2								
Planned unavailable hours	12.06	11.50	2.50	10.00	13.17	14.12	14.39	3.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1871.80	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



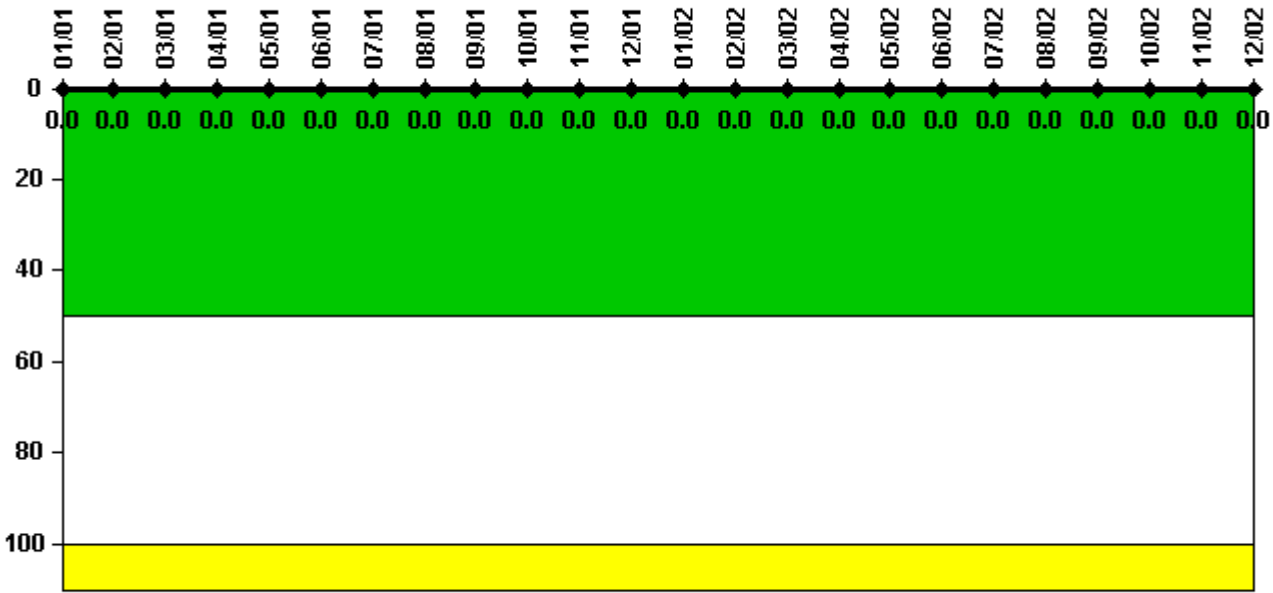
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

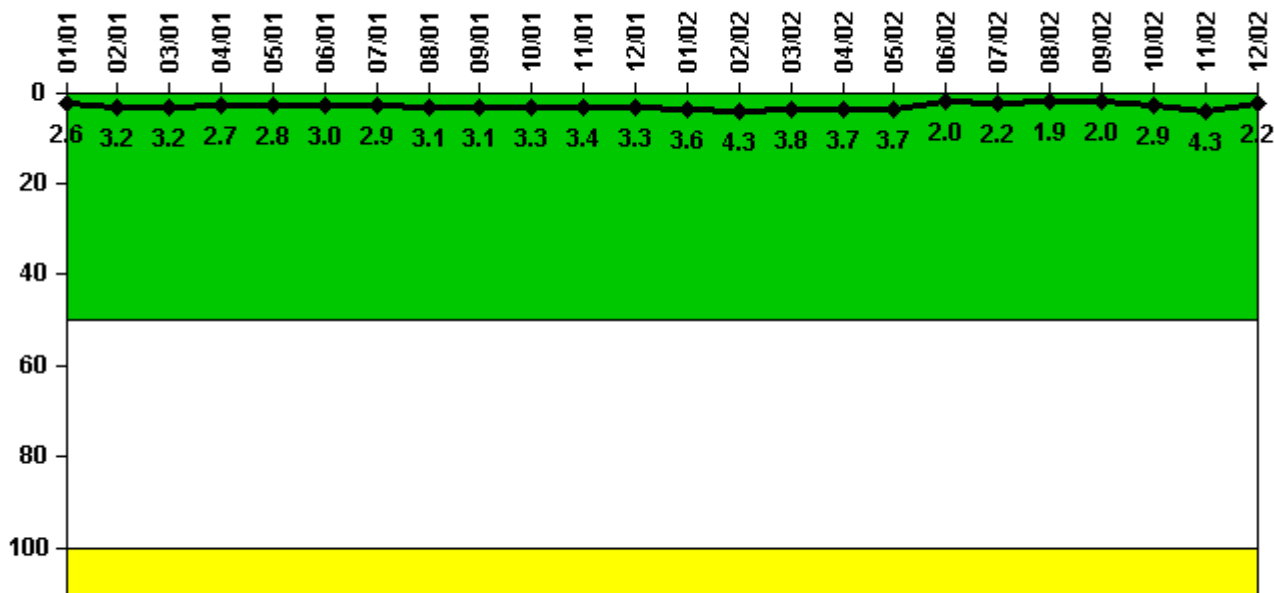
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000138	0.000362	0.000234	0.000280	0.000280	0.000440	0.000332	0.000356	0.000300	0.000326	0.000464	0.000400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000405	0.000395	0.000401	0.000448	0	0.000142	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

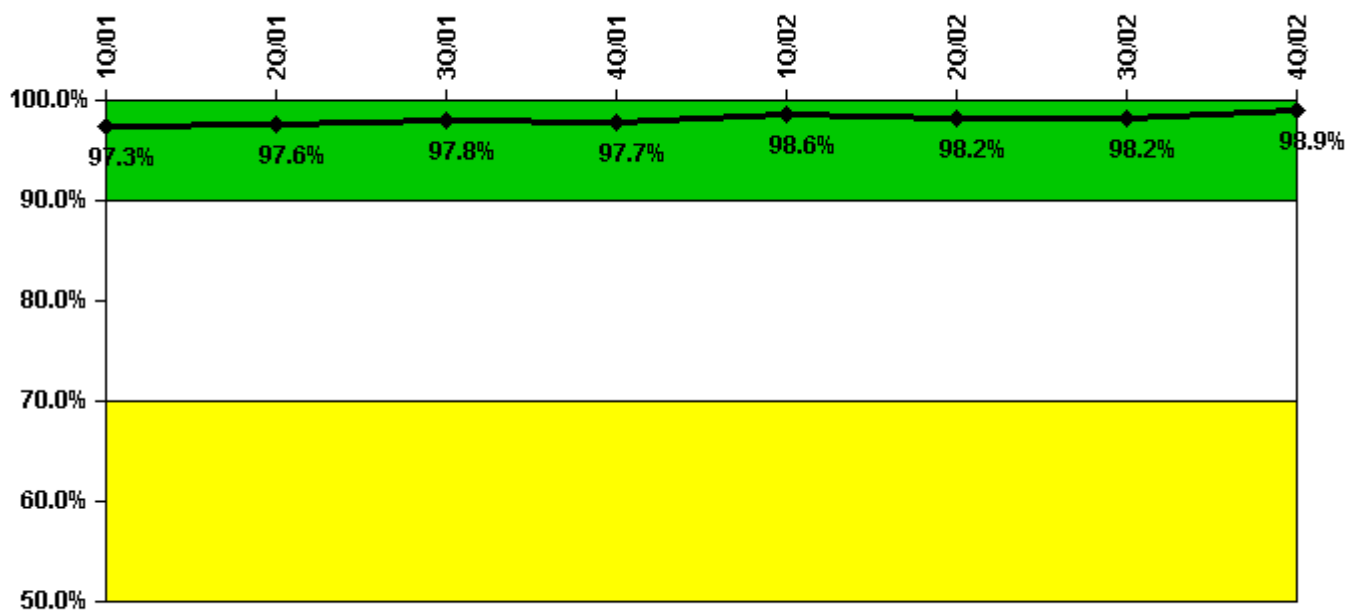
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.260	0.320	0.320	0.270	0.280	0.300	0.290	0.310	0.310	0.330	0.340	0.330
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	3.2	3.2	2.7	2.8	3.0	2.9	3.1	3.1	3.3	3.4	3.3

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.360	0.430	0.380	0.370	0.370	0.200	0.220	0.190	0.200	0.290	0.430	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.6	4.3	3.8	3.7	3.7	2.0	2.2	1.9	2.0	2.9	4.3	2.2

Licensee Comments: none

Drill/Exercise Performance



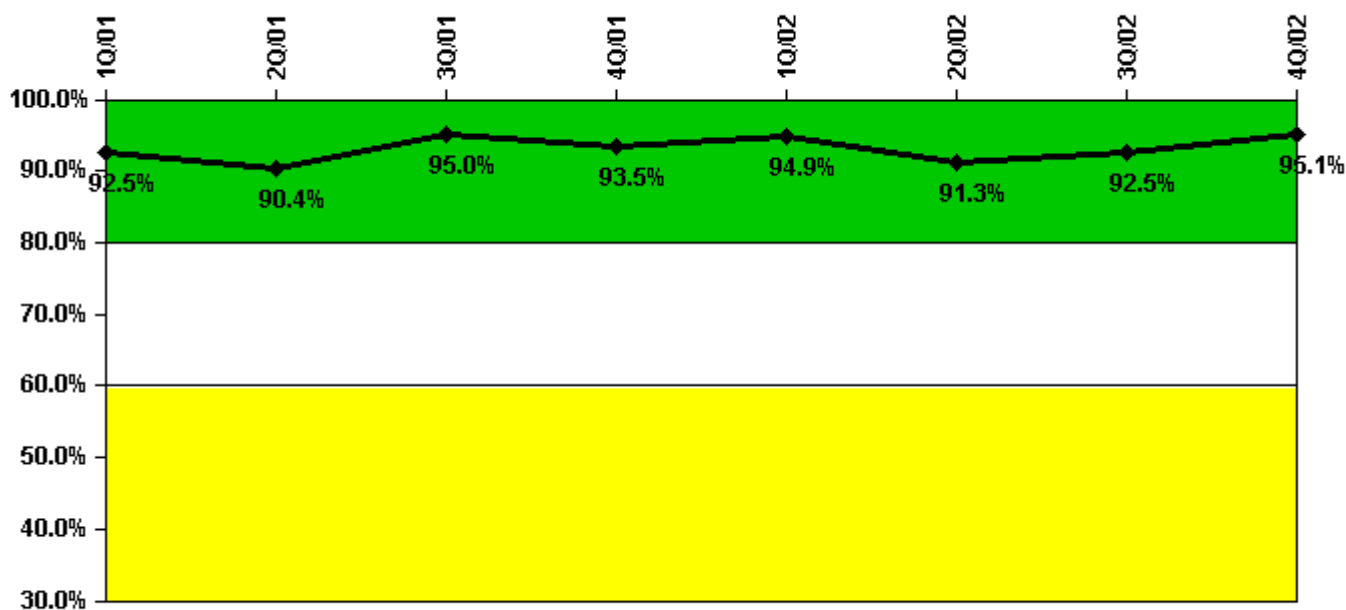
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	13.0	26.0	20.0	29.0	14.0	5.0	26.0	46.0
Total opportunities	13.0	26.0	20.0	30.0	14.0	5.0	26.0	47.0
Indicator value	97.3%	97.6%	97.8%	97.7%	98.6%	98.2%	98.2%	98.9%

Licensee Comments: none

ERO Drill Participation



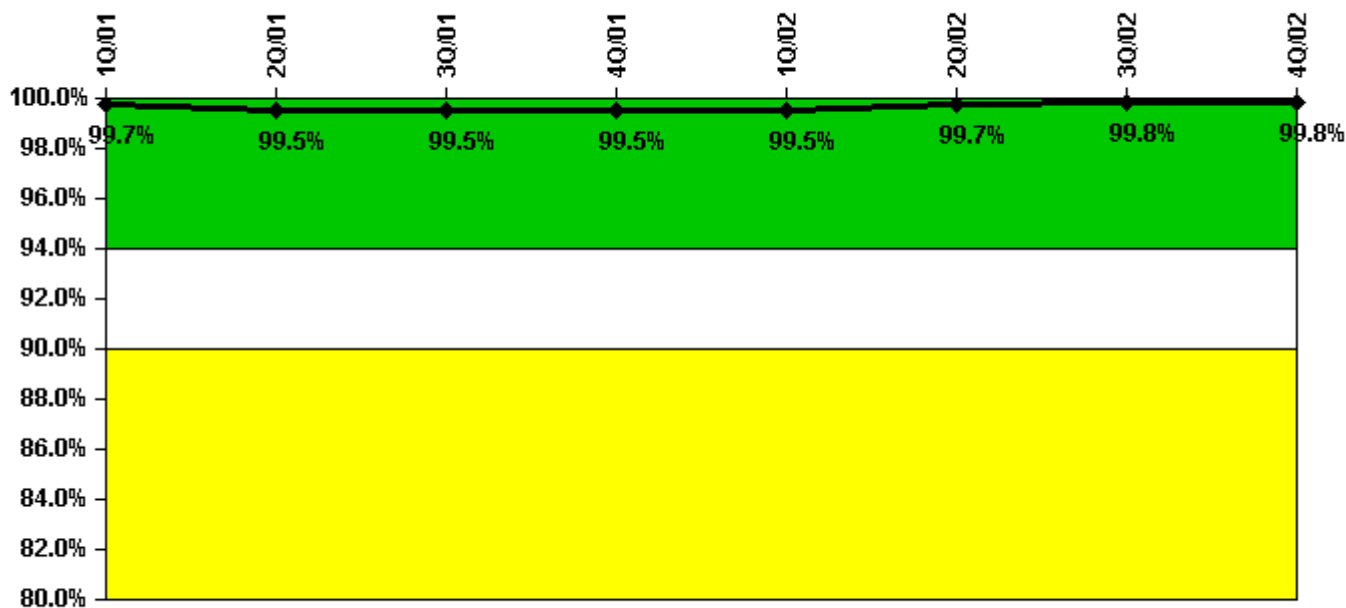
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	86.0	85.0	76.0	72.0	75.0	73.0	74.0	77.0
Total Key personnel	93.0	94.0	80.0	77.0	79.0	80.0	80.0	81.0
Indicator value	92.5%	90.4%	95.0%	93.5%	94.9%	91.3%	92.5%	95.1%

Licensee Comments: none

Alert & Notification System



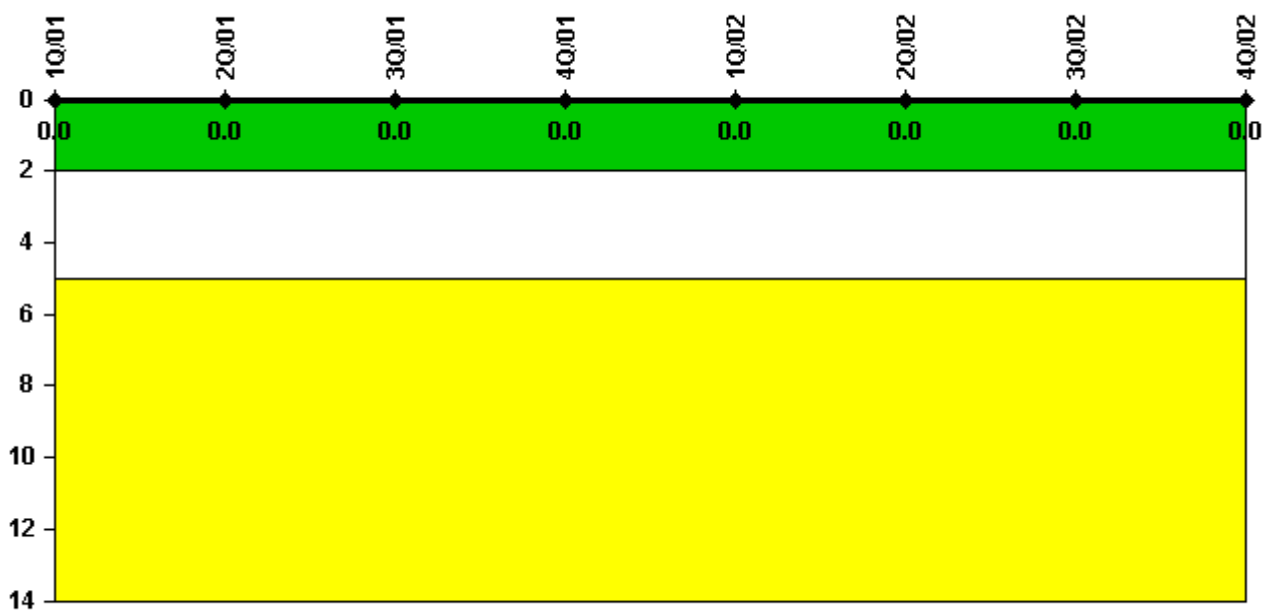
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	725	840	720	846	844	725	846	725
Total sirens-tests	726	847	726	847	847	726	847	726
Indicator value	99.7%	99.5%	99.5%	99.5%	99.5%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



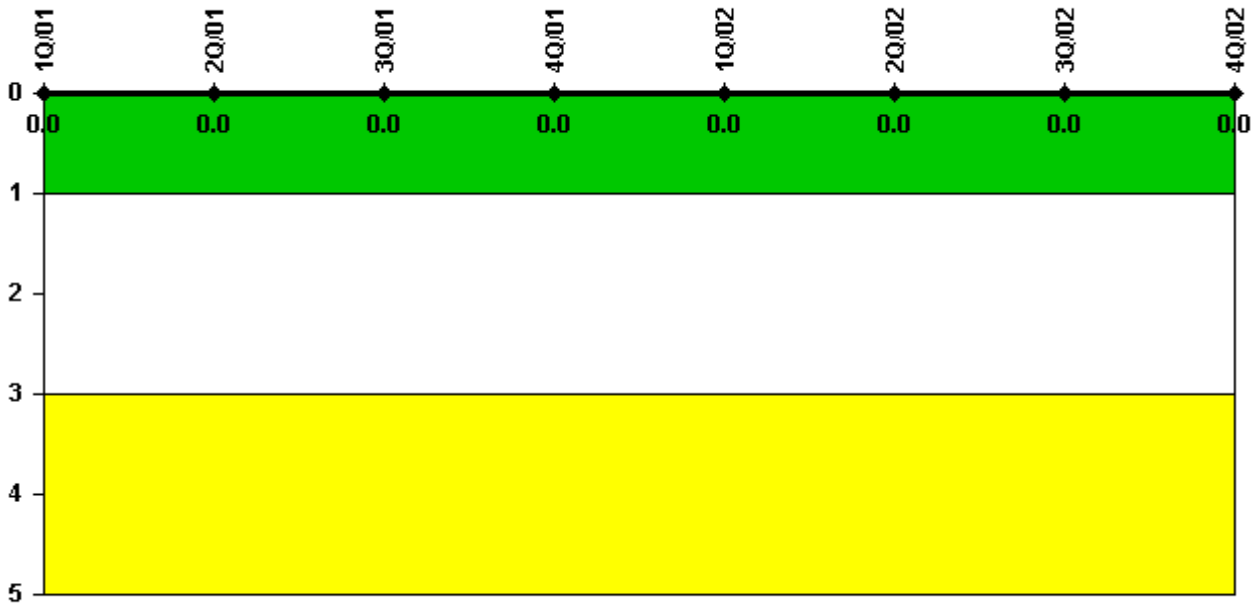
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



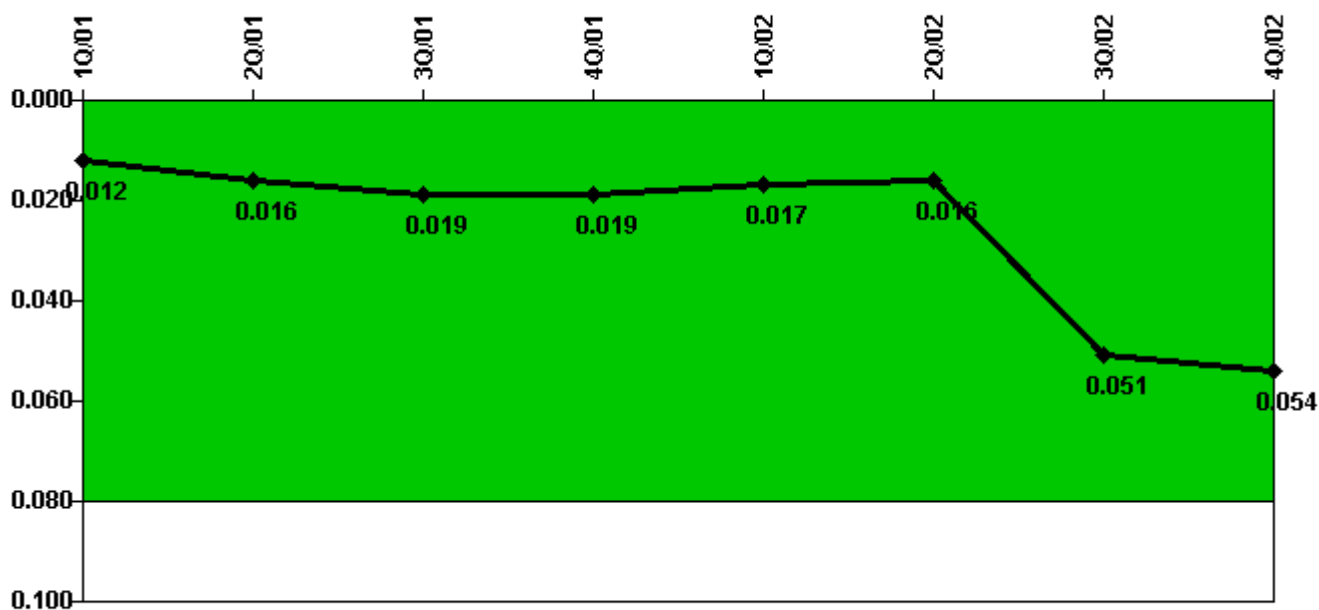
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



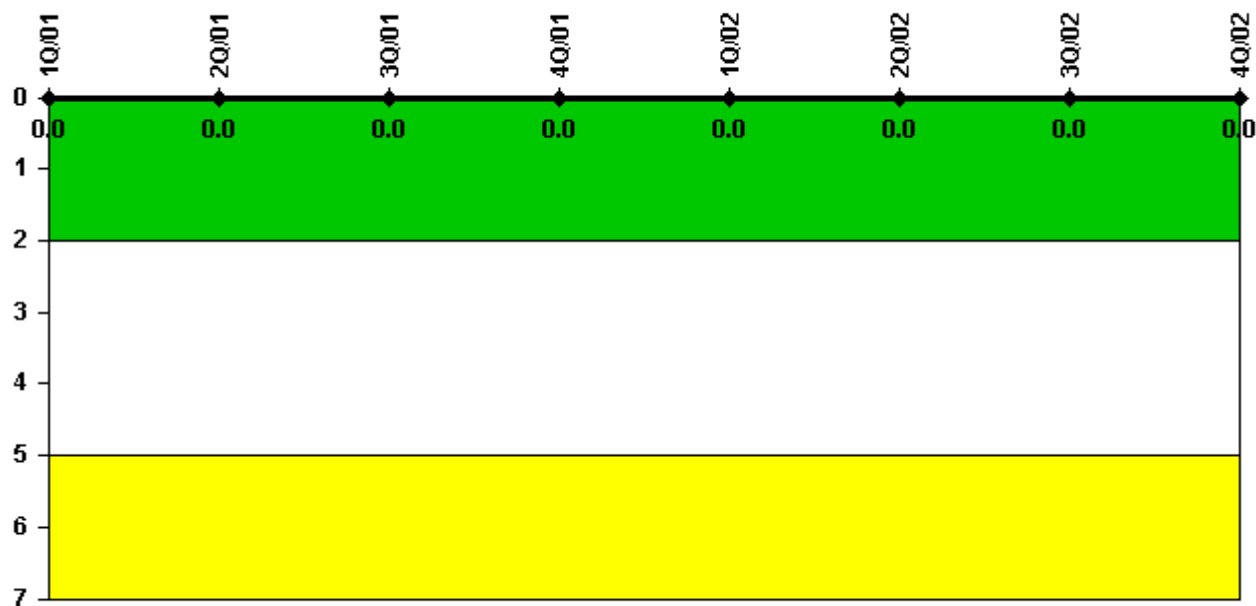
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	91.10	114.60	187.30	48.90	39.50	78.80	983.30	126.00
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.012	0.016	0.019	0.019	0.017	0.016	0.051	0.054

Licensee Comments: none

Personnel Screening Program



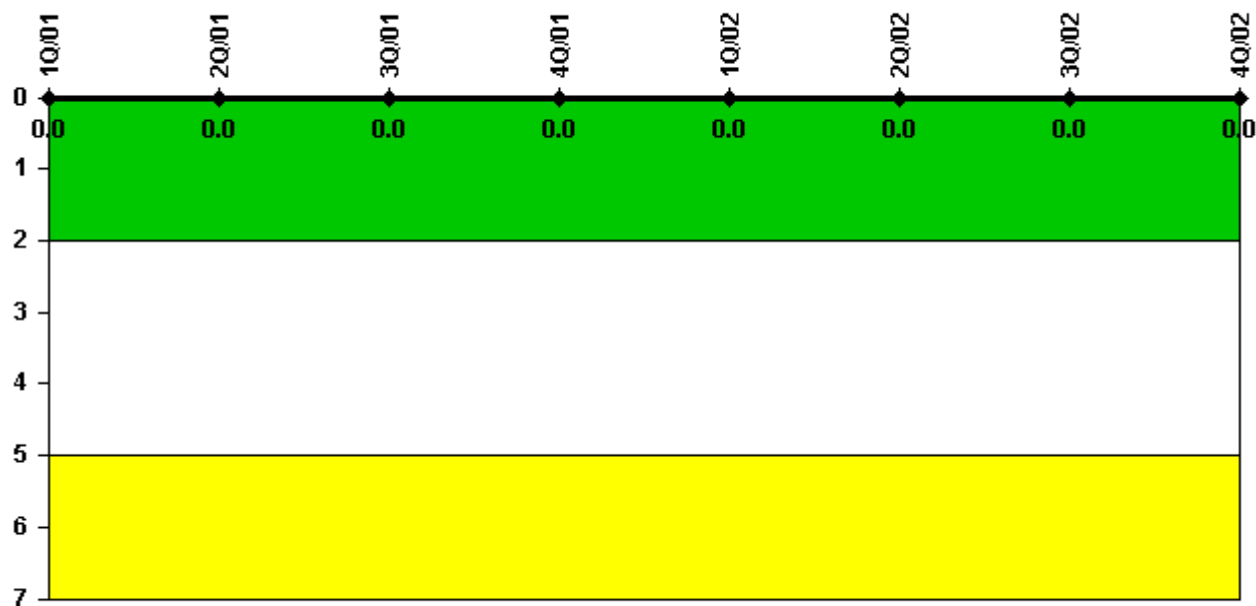
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

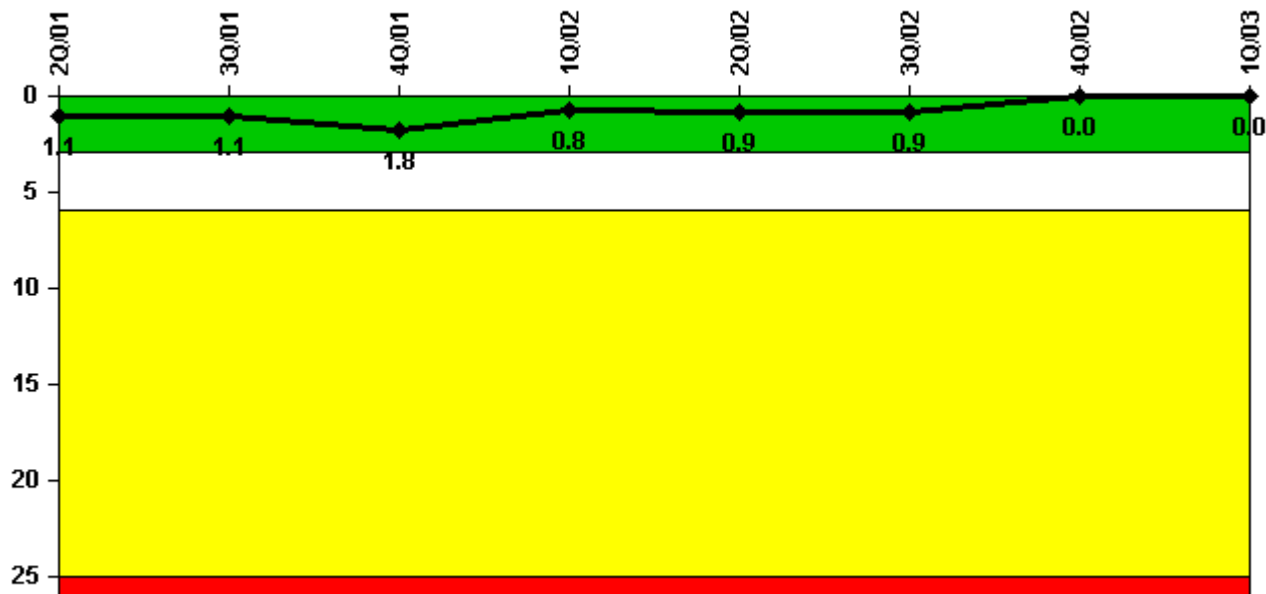
Last Modified: January 30, 2003

Seabrook 1

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0
Indicator value	1.1	1.1	1.8	0.8	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



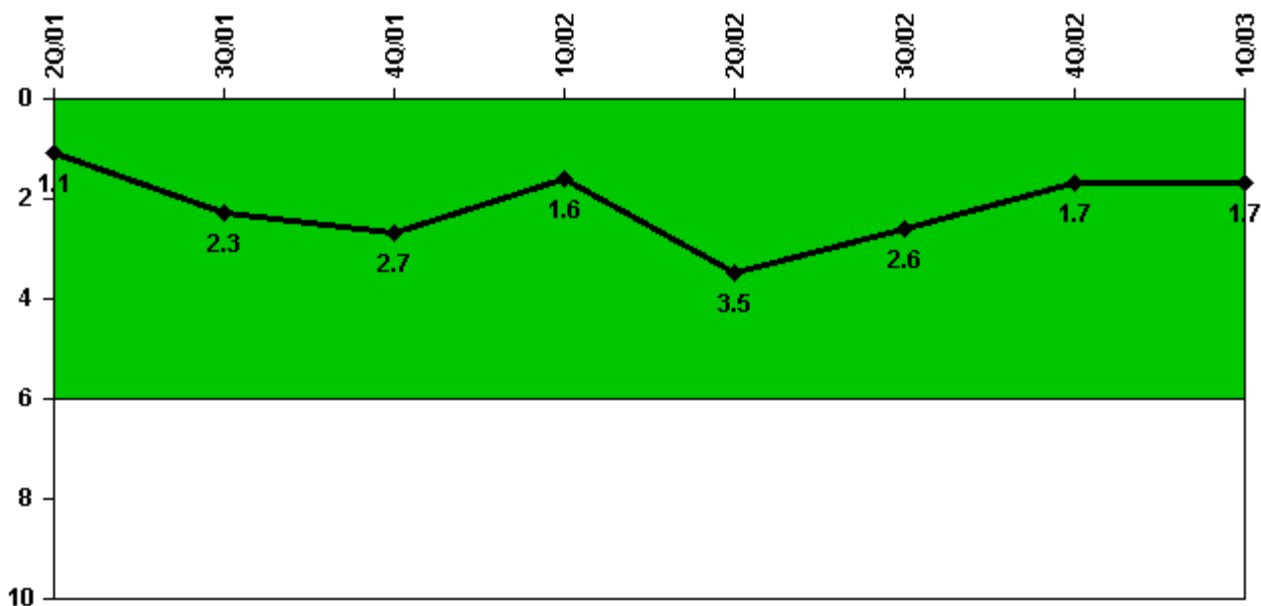
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



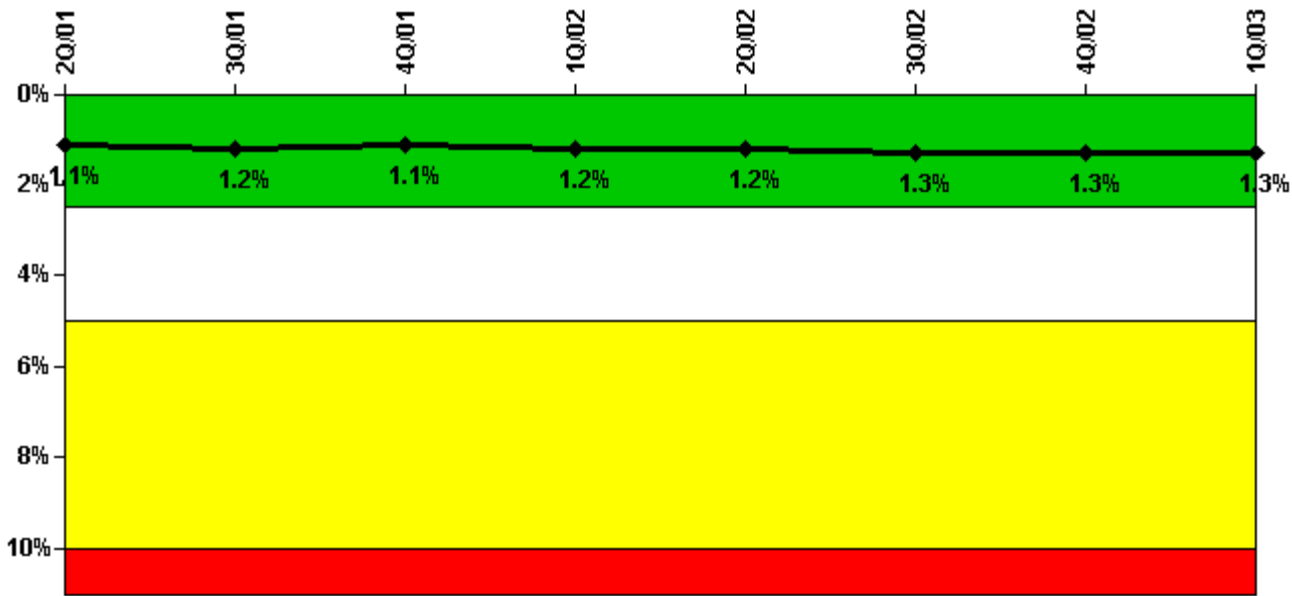
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	1.0	1.0	0	2.0	0	0	0
Critical hours	2183.0	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0
Indicator value	1.1	2.3	2.7	1.6	3.5	2.6	1.7	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



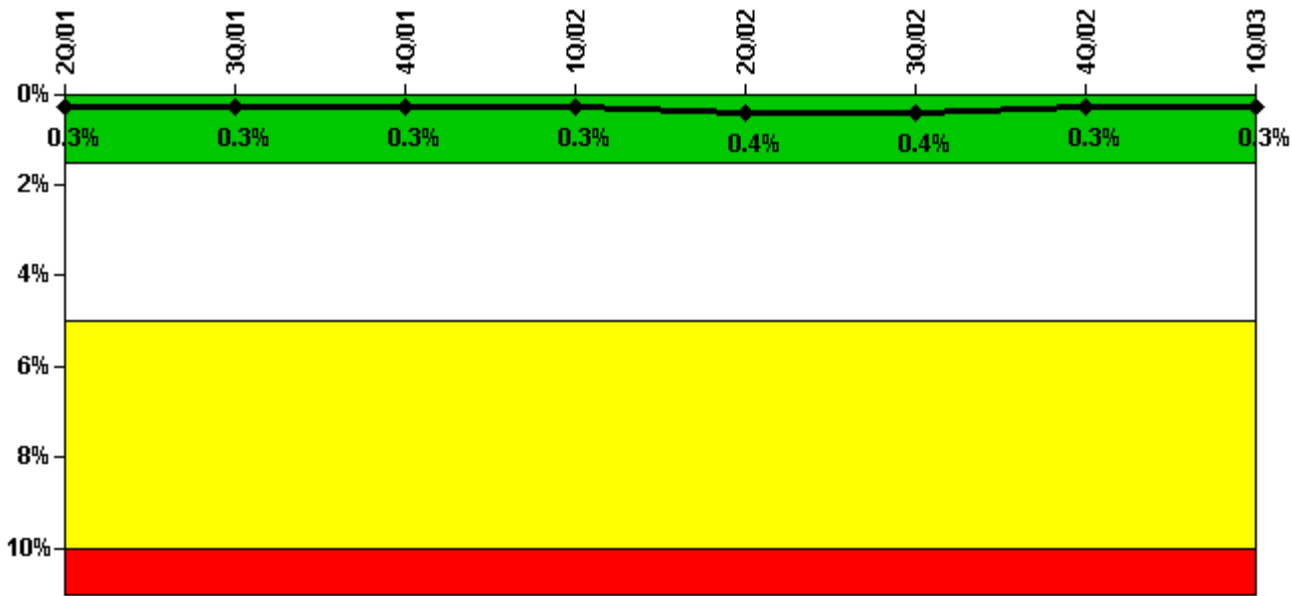
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	13.87	1.70	6.60	36.65	14.59	17.57	24.06	0.43
Unplanned unavailable hours	4.30	0	0	0	8.51	16.32	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	45.37	35.00	12.10	20.82	3.45	5.65	20.01	14.73
Unplanned unavailable hours	0	27.20	5.30	0	0.83	82.35	10.61	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00
Indicator value	1.1%	1.2%	1.1%	1.2%	1.2%	1.3%	1.3%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

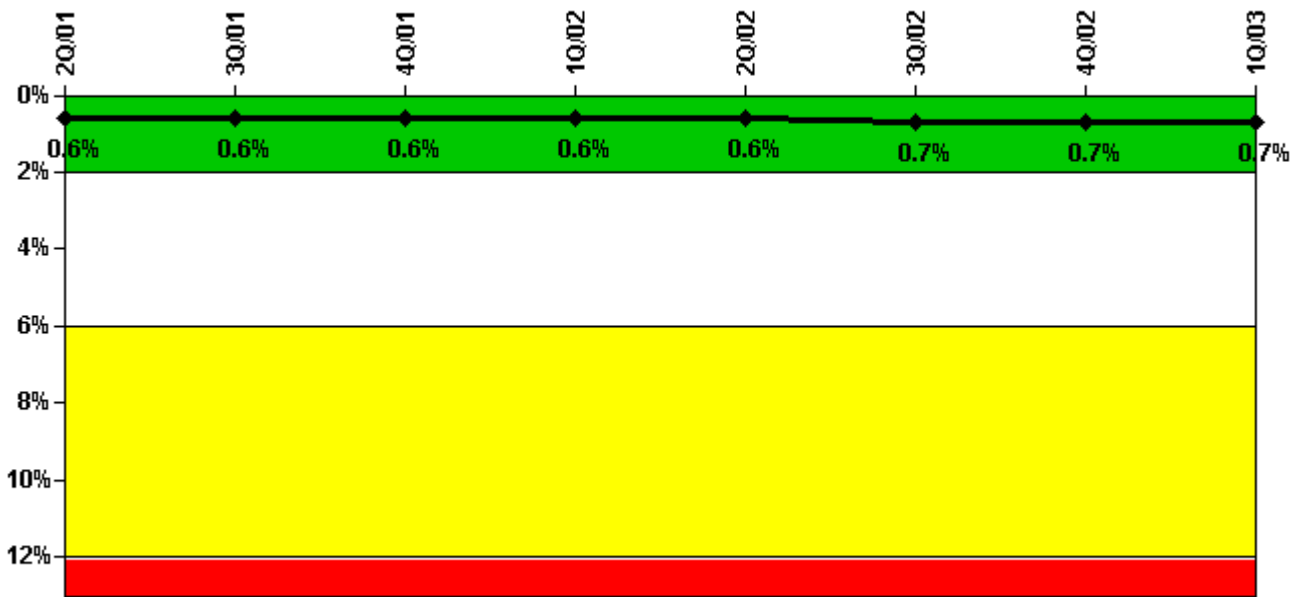
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0	17.30	12.50	6.11	1.52	1.62	21.75	10.08
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	37.96	0	4.40	14.65	2.80	1.32	0	1.12
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	23.39	18.20	1.80	0	0.82
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	13.70	26.80	0	14.18	21.14	12.45	1.17	16.62
Unplanned unavailable hours	0.10	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

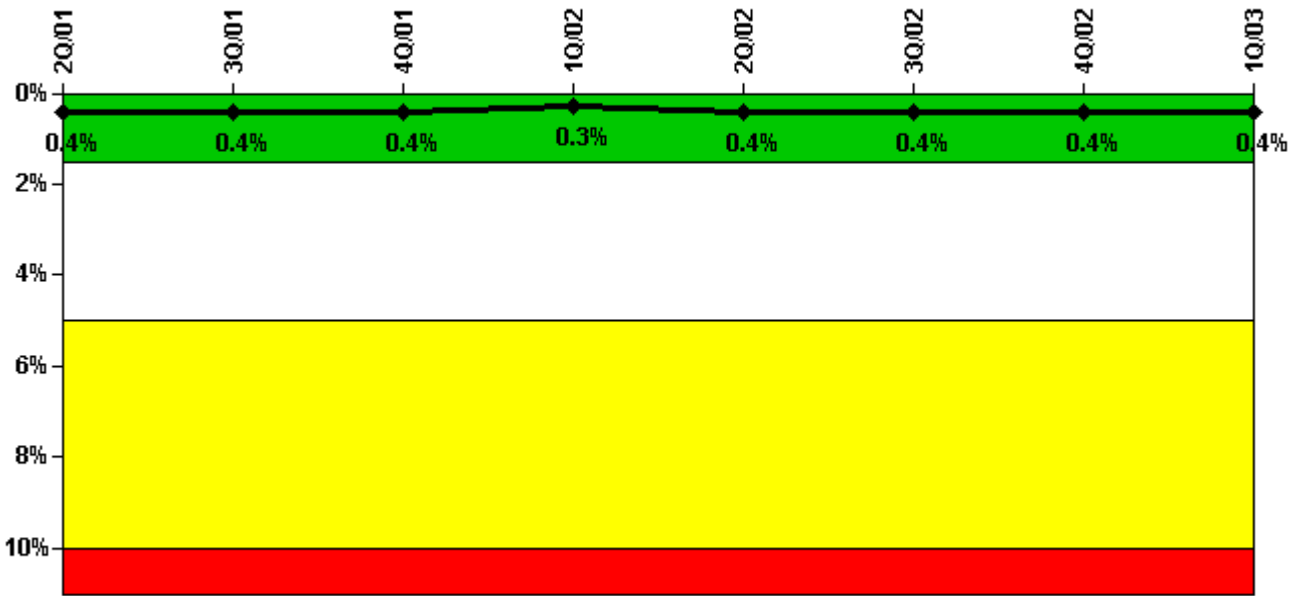
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	43.71	20.00	1.80	13.13	18.68	8.66	3.82	5.93
Unplanned unavailable hours	0	0	0	0	12.46	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	20.04	1.90	4.10	2.30	14.57	0	0	1.12
Unplanned unavailable hours	0	0	0	0	0.48	0	0.23	0
Fault exposure hours	0	0	0	0	0	0	3.90	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00

Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%
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Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



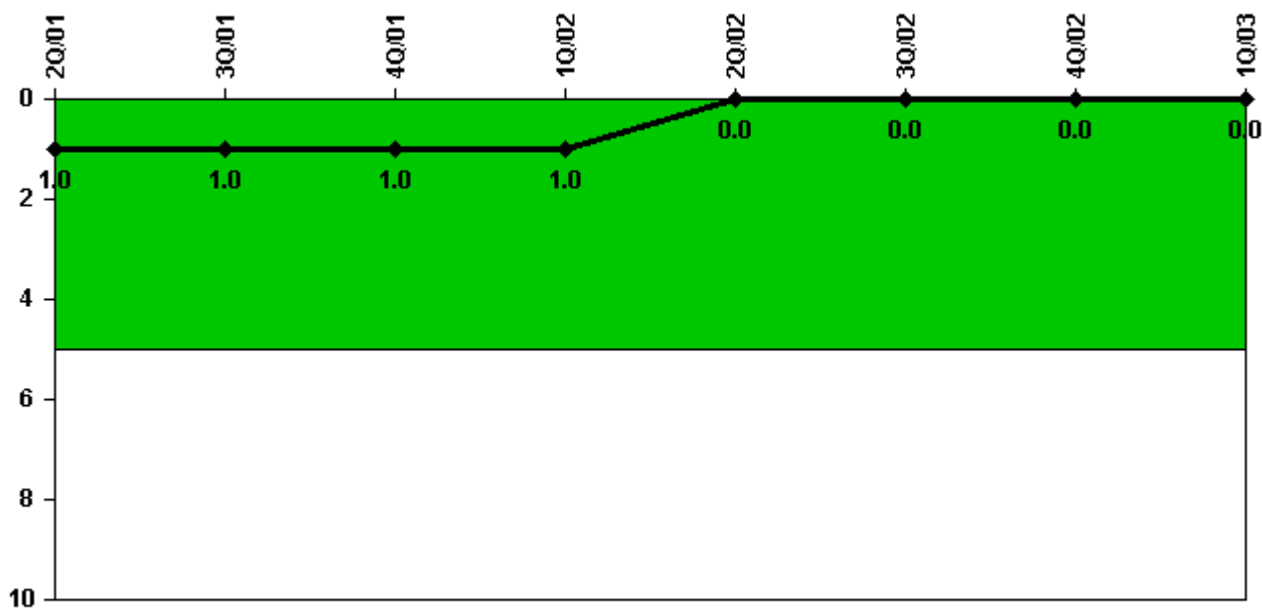
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	5.02	15.10	3.40	9.32	15.69	19.59	5.08	9.17
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	11.50	2.50	10.00	13.17	14.12	14.39	3.20	0.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0.03
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



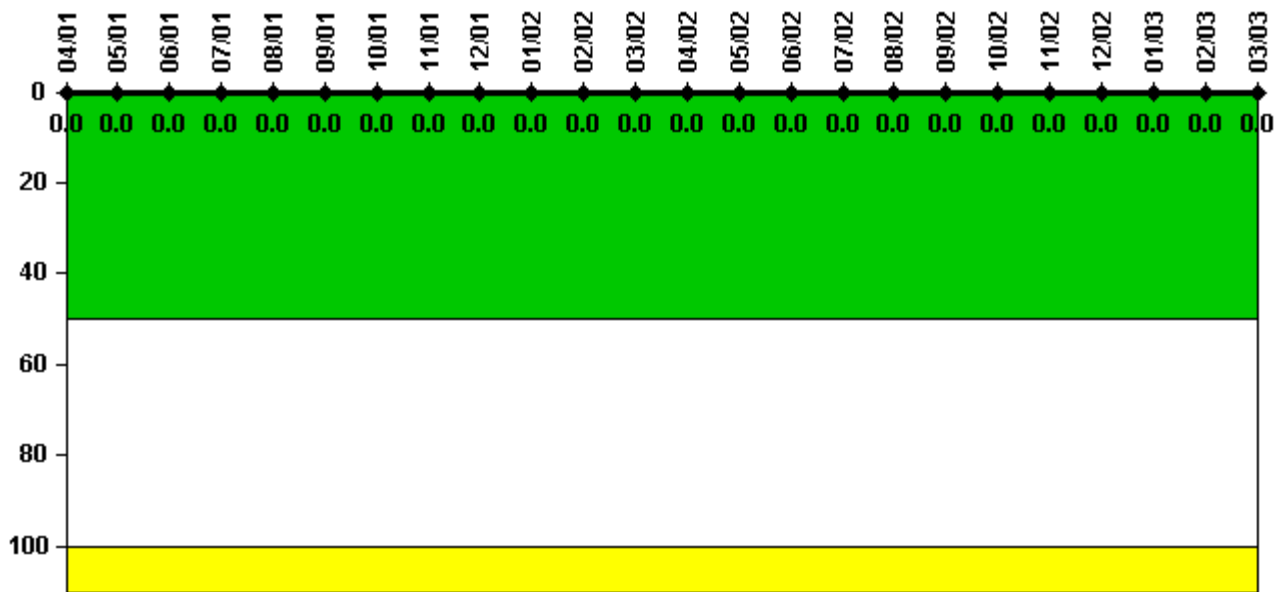
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

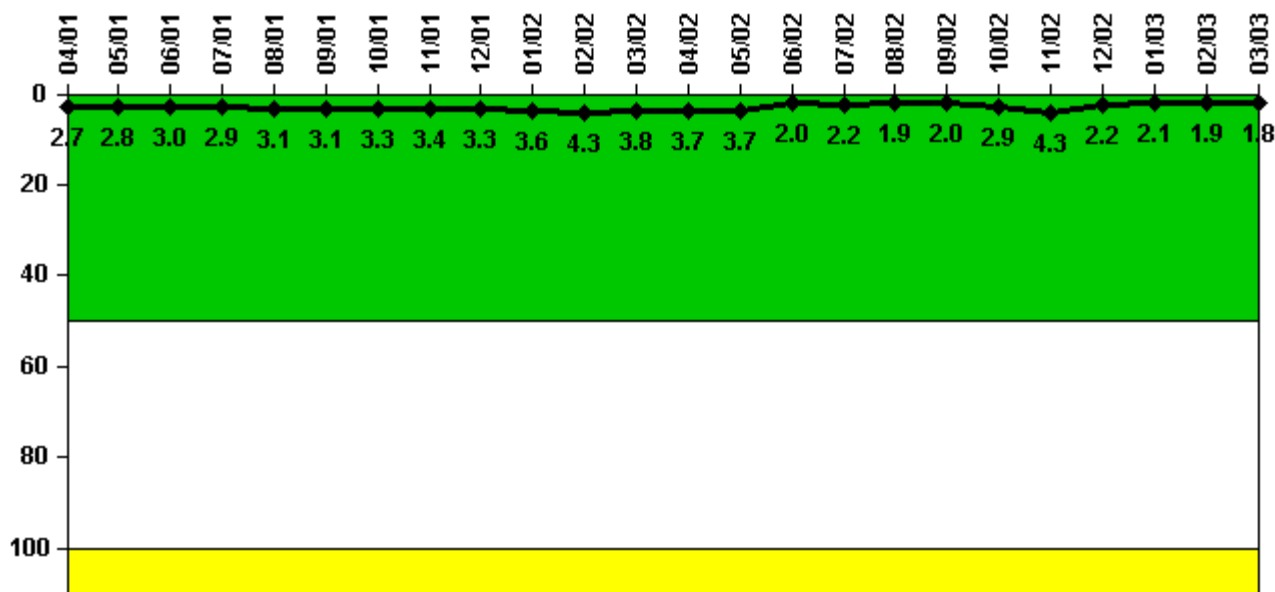
Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000280	0.000280	0.000440	0.000332	0.000356	0.000300	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.000448	0	0.000142	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

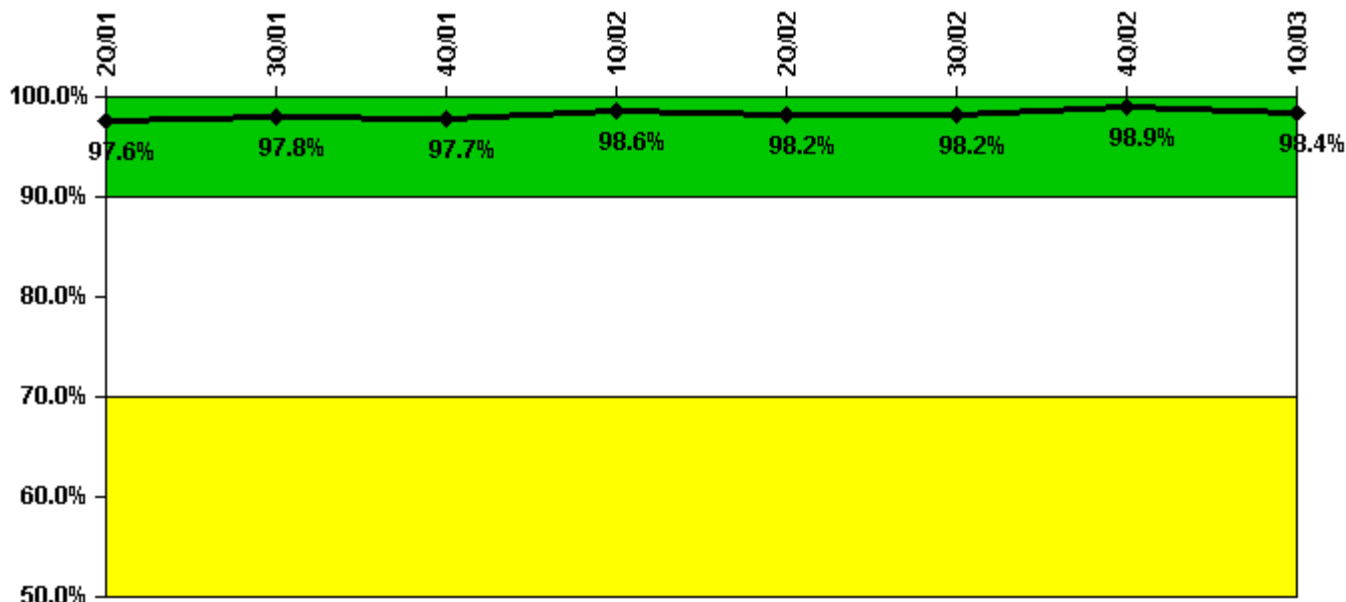
Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.270	0.280	0.300	0.290	0.310	0.310	0.330	0.340	0.330	0.360	0.430	0.380
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.7	2.8	3.0	2.9	3.1	3.1	3.3	3.4	3.3	3.6	4.3	3.8

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.370	0.370	0.200	0.220	0.190	0.200	0.290	0.430	0.220	0.210	0.190	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.7	3.7	2.0	2.2	1.9	2.0	2.9	4.3	2.2	2.1	1.9	1.8

Licensee Comments: none

Drill/Exercise Performance



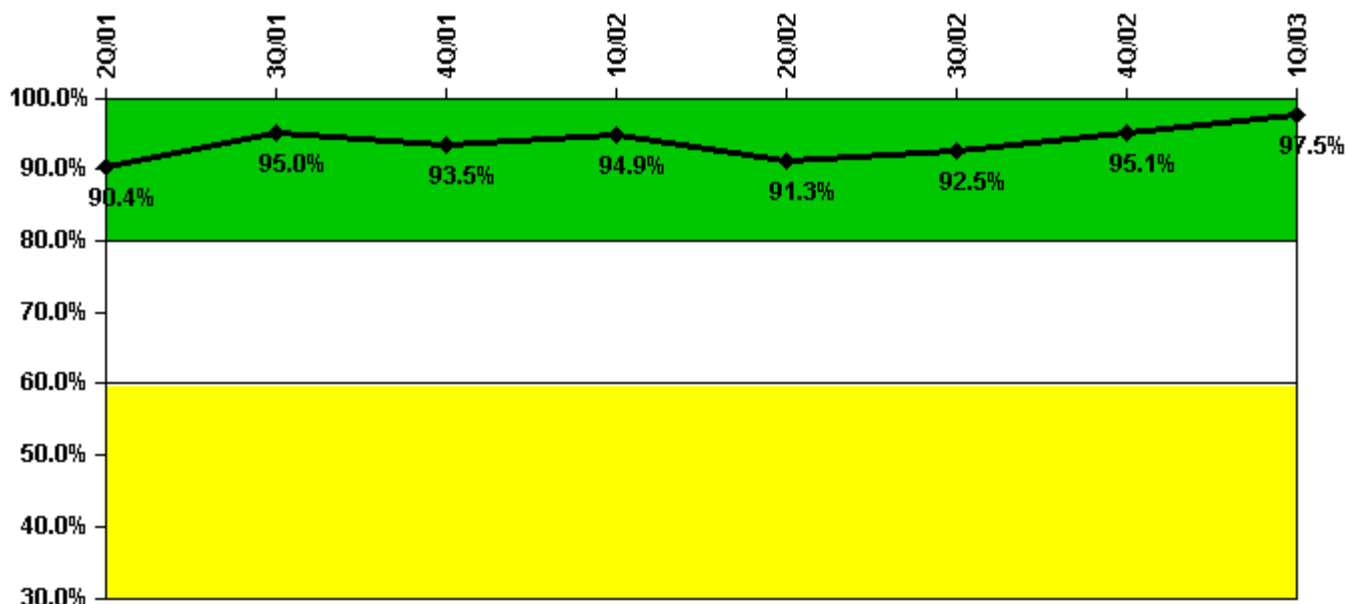
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	26.0	20.0	29.0	14.0	5.0	26.0	46.0	18.0
Total opportunities	26.0	20.0	30.0	14.0	5.0	26.0	47.0	19.0
Indicator value	97.6%	97.8%	97.7%	98.6%	98.2%	98.2%	98.9%	98.4%

Licensee Comments: none

ERO Drill Participation



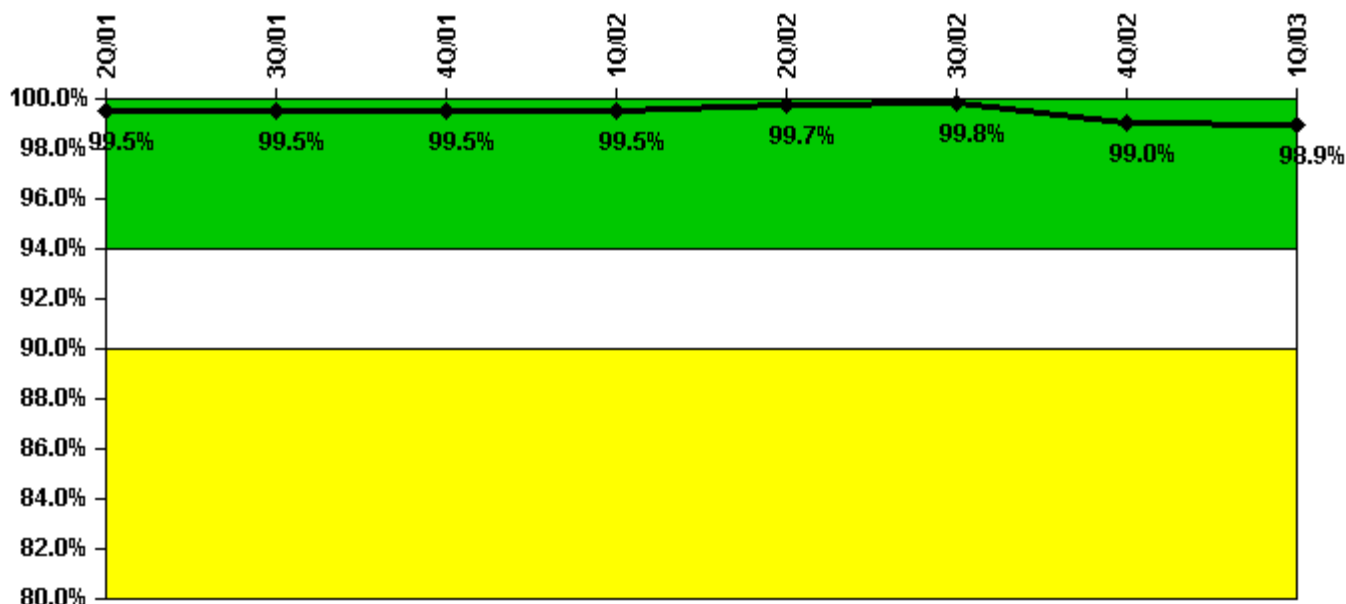
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	85.0	76.0	72.0	75.0	73.0	74.0	77.0	79.0
Total Key personnel	94.0	80.0	77.0	79.0	80.0	80.0	81.0	81.0
Indicator value	90.4%	95.0%	93.5%	94.9%	91.3%	92.5%	95.1%	97.5%

Licensee Comments: none

Alert & Notification System



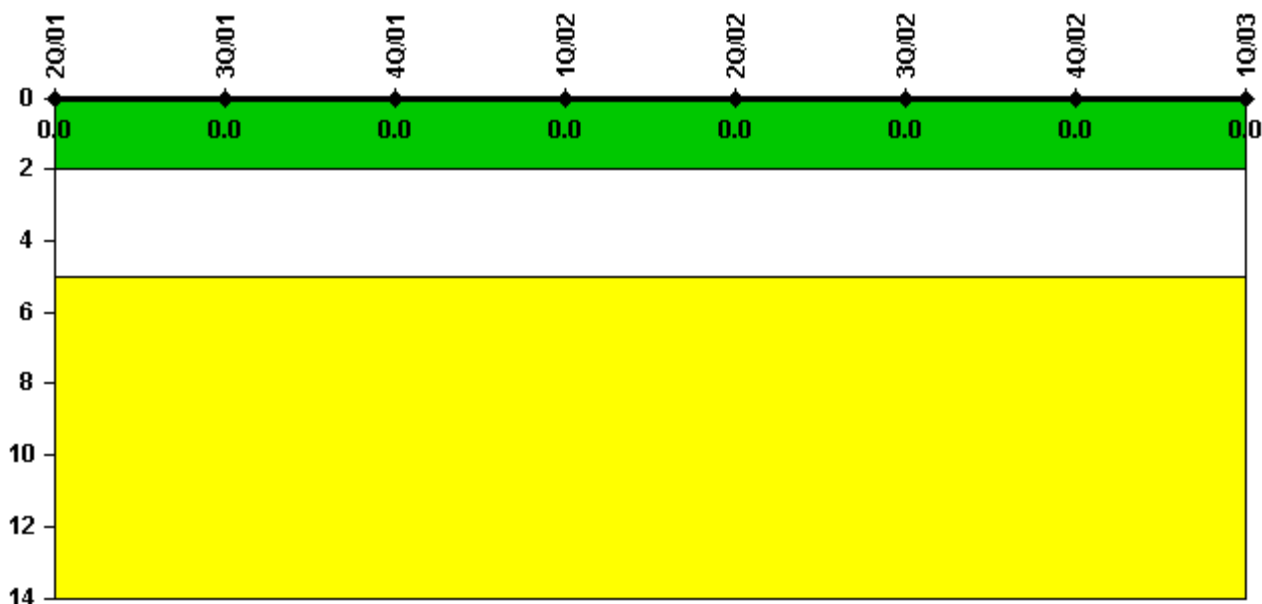
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	840	720	846	844	725	846	698	724
Total sirens-tests	847	726	847	847	726	847	726	726
Indicator value	99.5%	99.5%	99.5%	99.5%	99.7%	99.8%	99.0%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



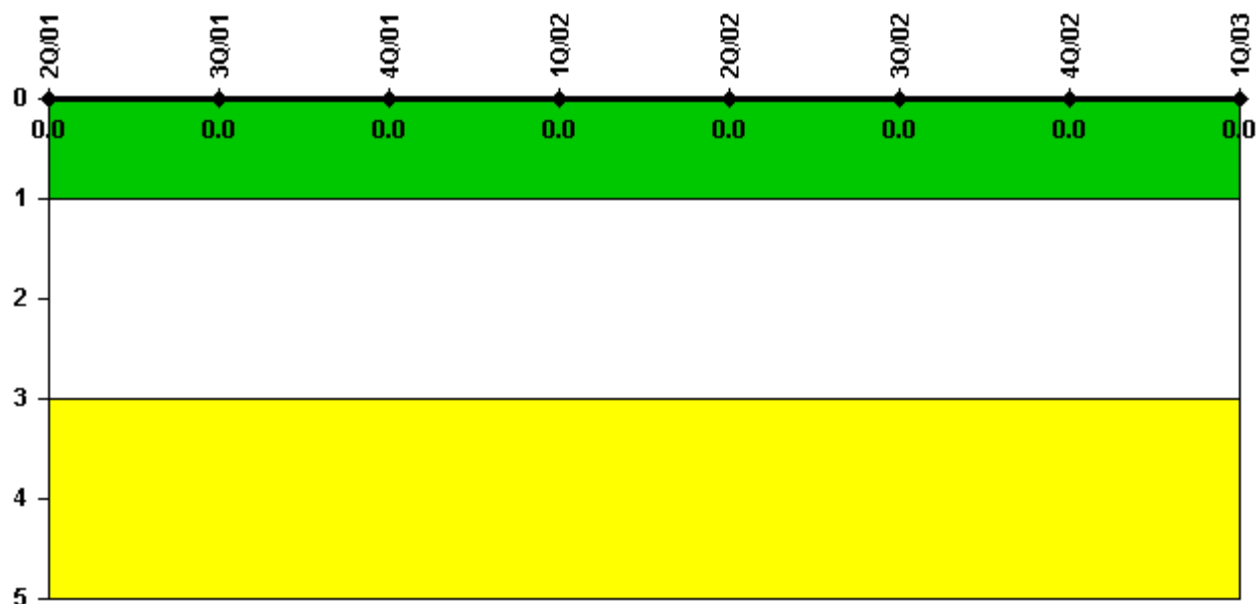
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



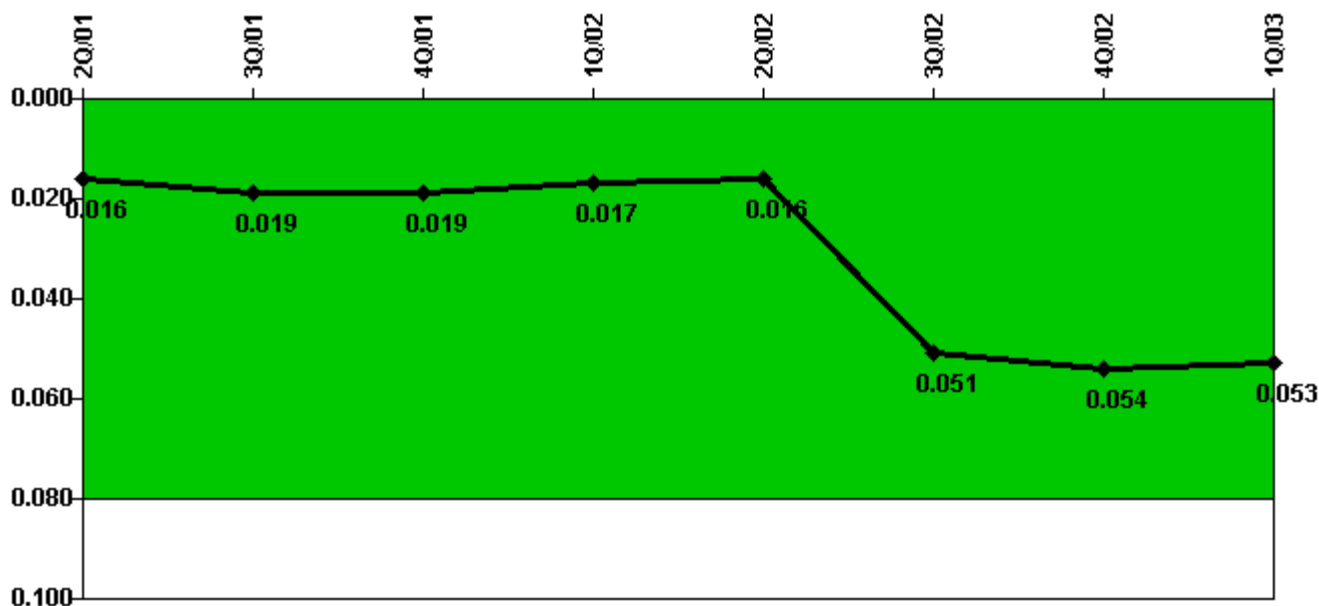
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



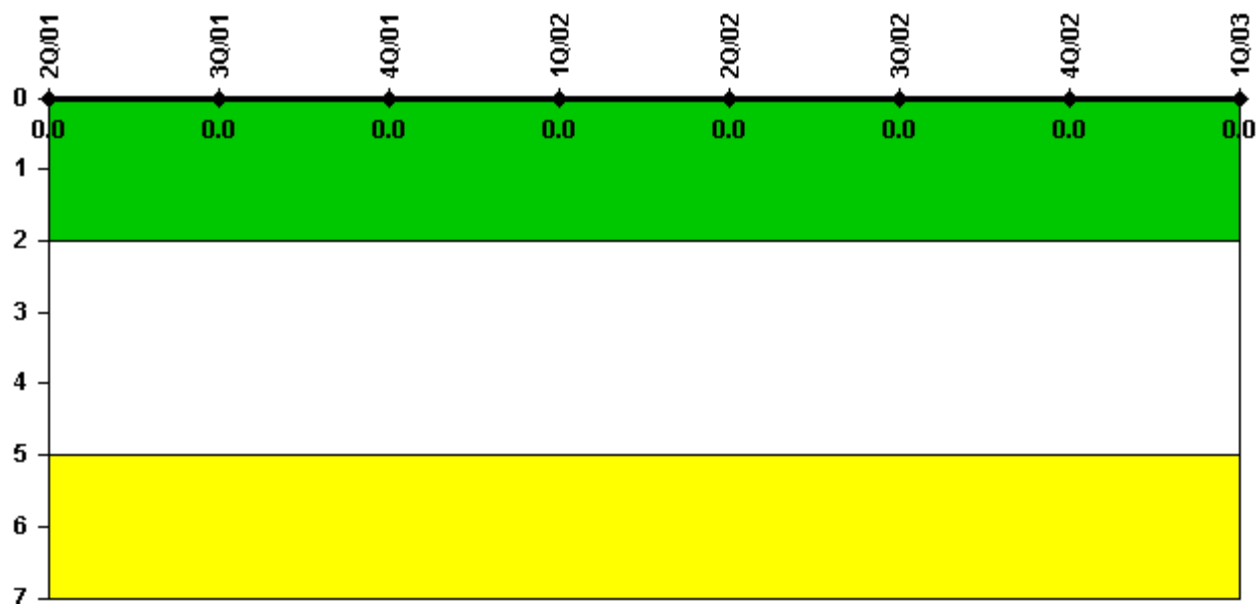
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
IDS compensatory hours	114.60	187.30	48.90	39.50	78.80	983.30	126.00	30.10
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.016	0.019	0.019	0.017	0.016	0.051	0.054	0.053

Licensee Comments: none

Personnel Screening Program



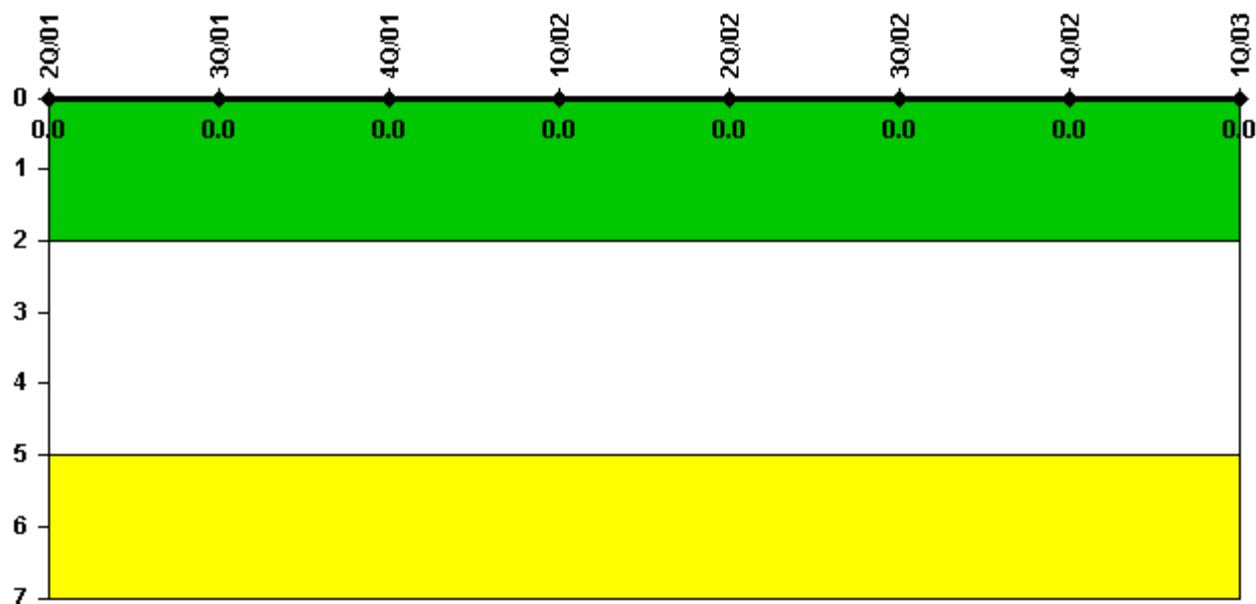
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

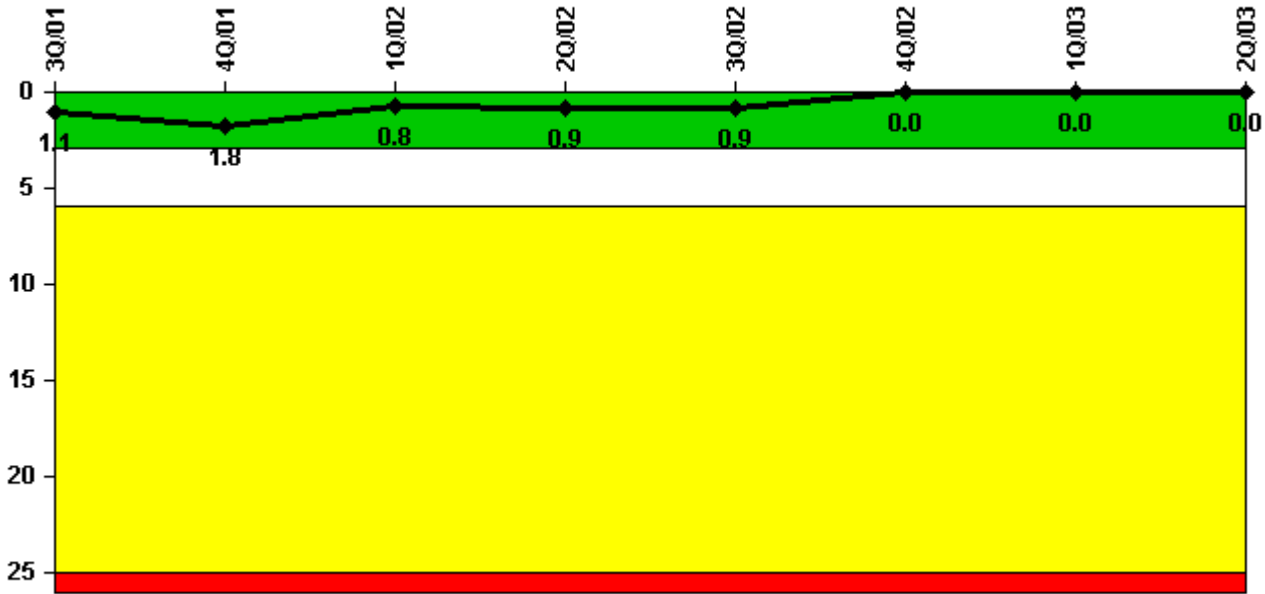
Last Modified: April 22, 2003

Seabrook 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



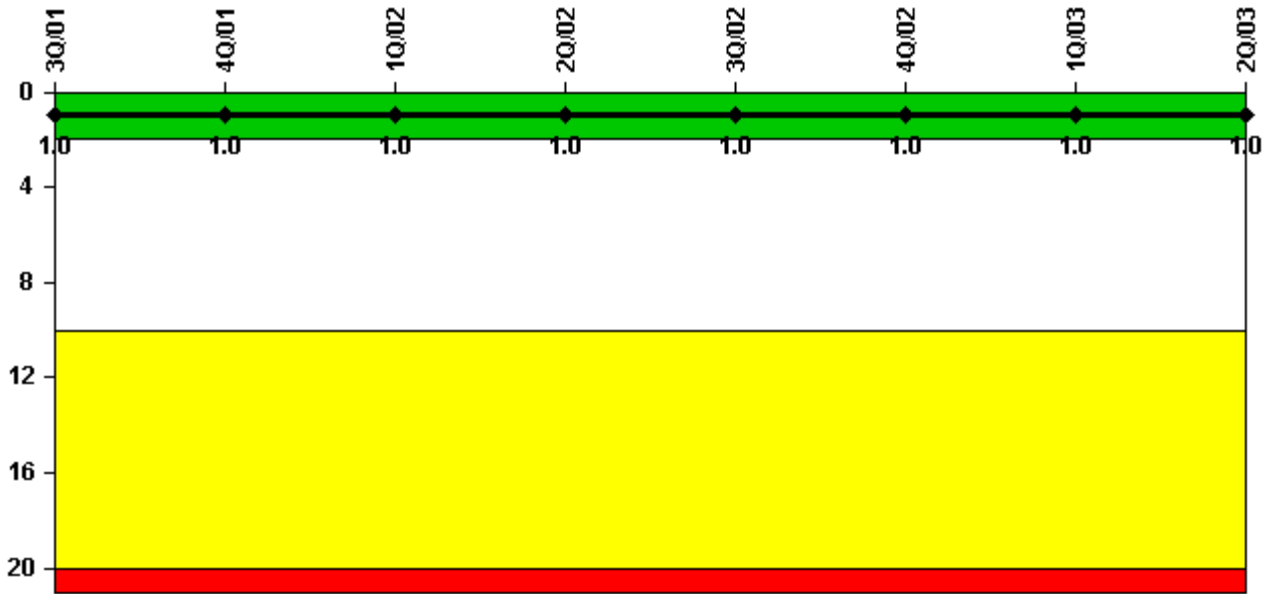
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0
Indicator value	1.1	1.8	0.8	0.9	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



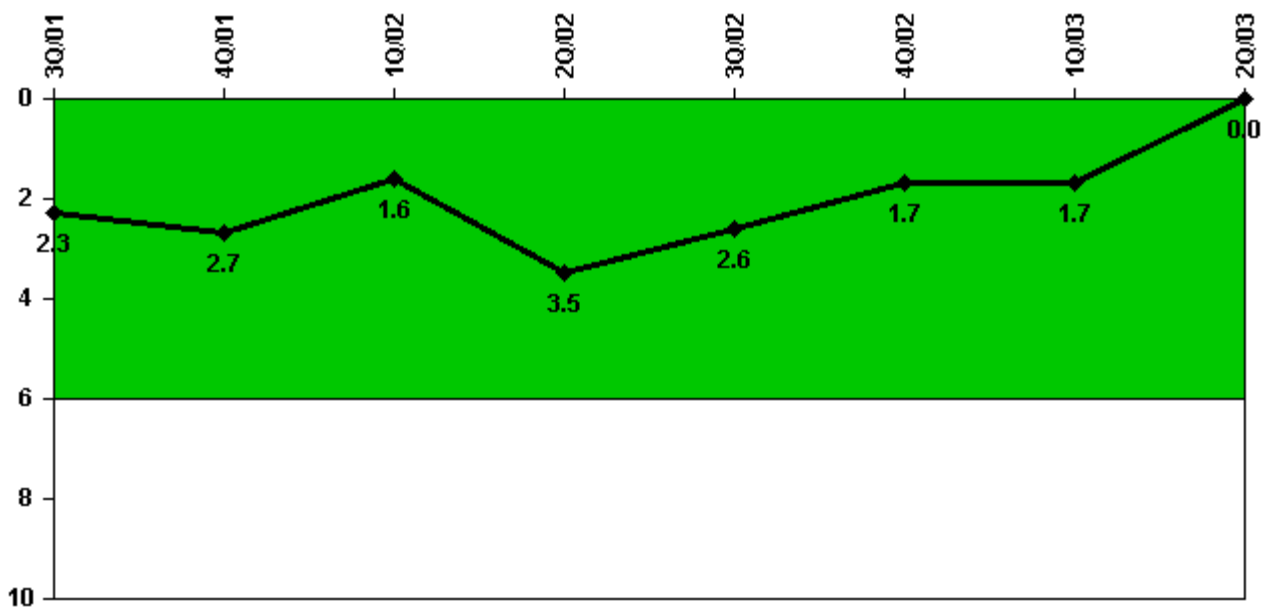
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



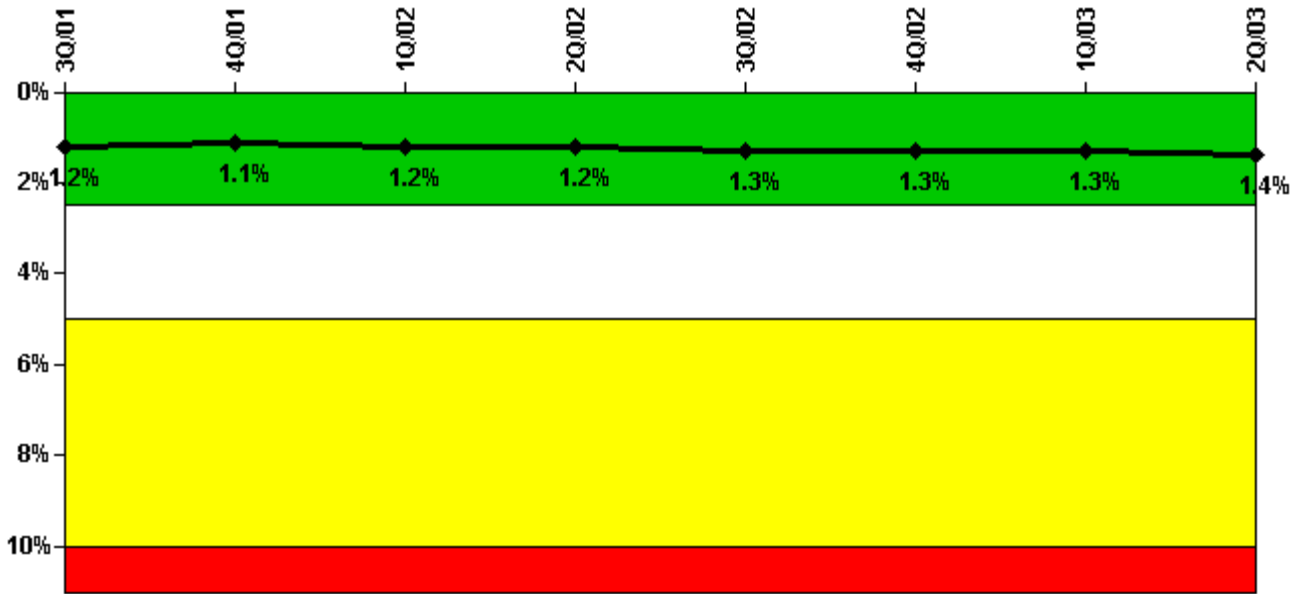
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	1.0	1.0	0	2.0	0	0	0	0
Critical hours	2208.0	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0
Indicator value	2.3	2.7	1.6	3.5	2.6	1.7	1.7	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



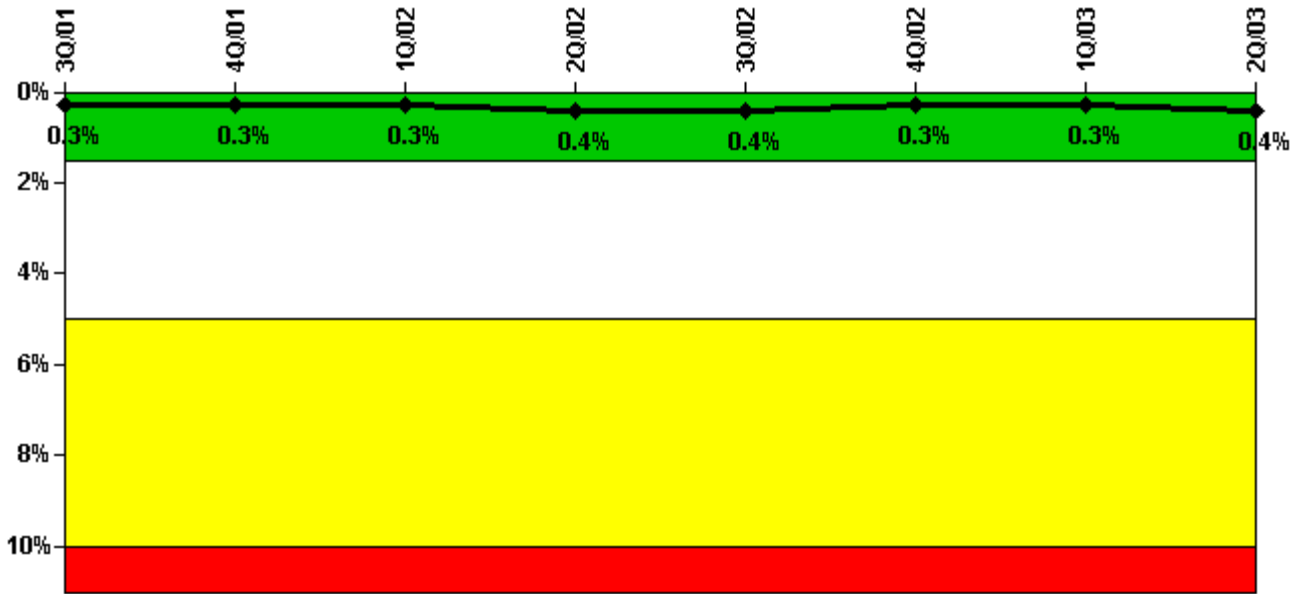
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	1.70	6.60	36.65	14.59	17.57	24.06	0.43	34.11
Unplanned unavailable hours	0	0	0	8.51	16.32	0	0	36.17
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	35.00	12.10	20.82	3.45	5.65	20.01	14.73	0
Unplanned unavailable hours	27.20	5.30	0	0.83	82.35	10.61	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00
Indicator value	1.2%	1.1%	1.2%	1.2%	1.3%	1.3%	1.3%	1.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

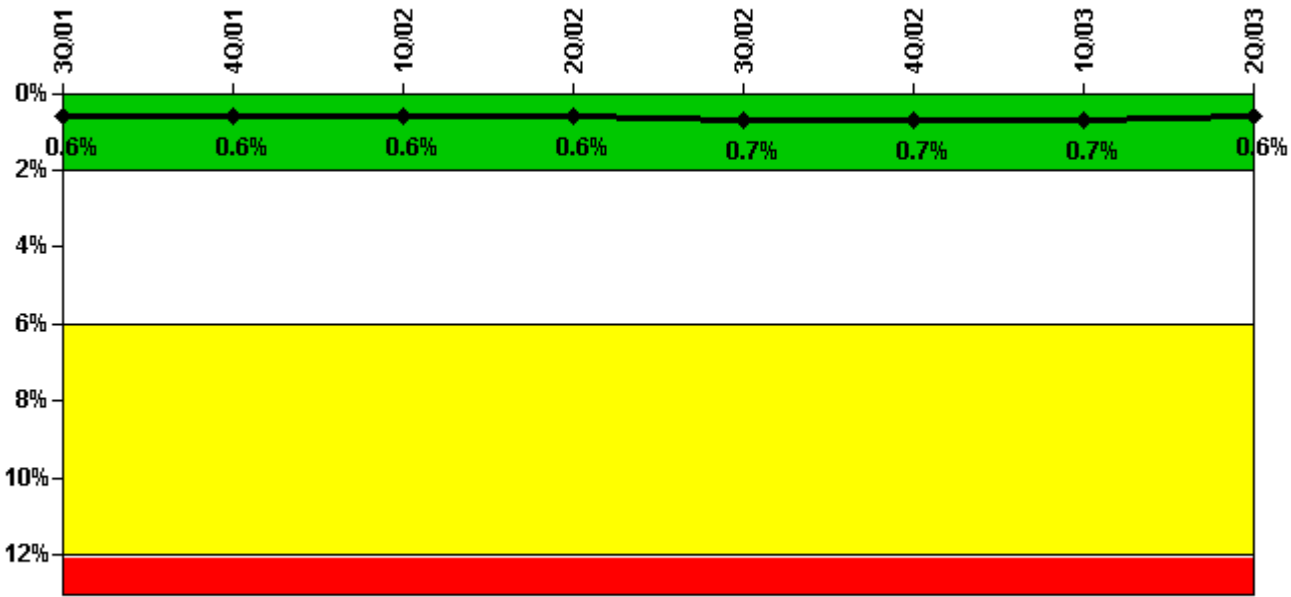
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	17.30	12.50	6.11	1.52	1.62	21.75	10.08	1.25
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	4.40	14.65	2.80	1.32	0	1.12	35.40
Unplanned unavailable hours	0	0	0	0	0	0	0	14.13
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0	23.39	18.20	1.80	0	0.82	3.47
Unplanned unavailable hours	0	0	0	0	0	0	0	8.62
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	26.80	0	14.18	21.14	12.45	1.17	16.62	0.82
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

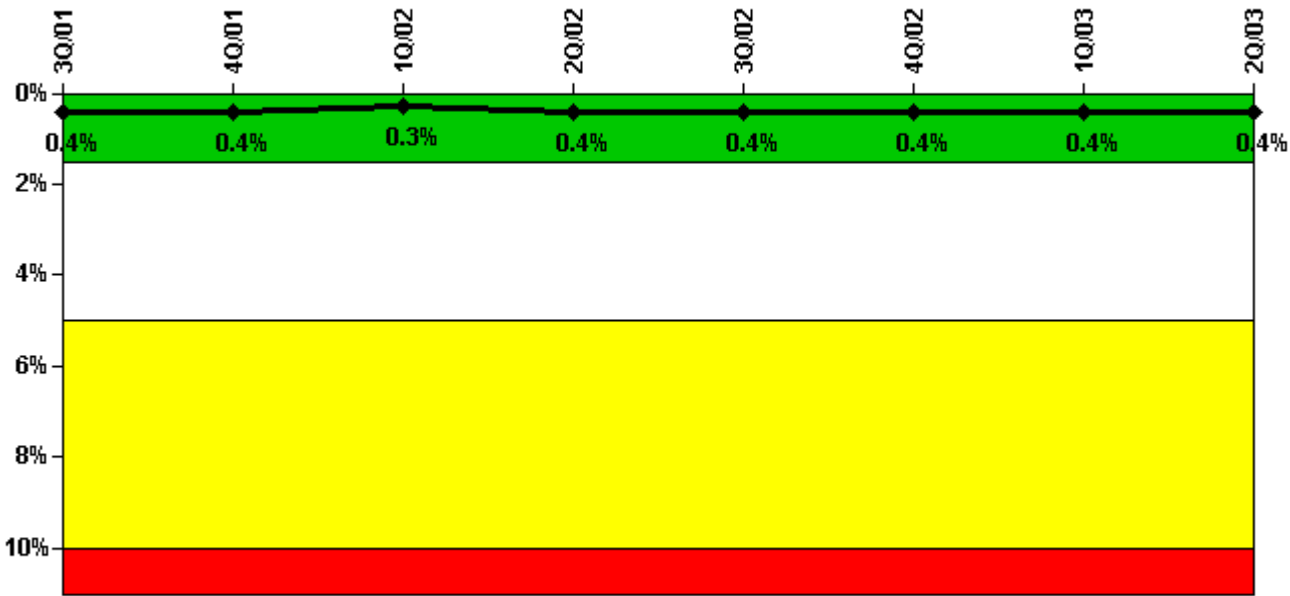
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	20.00	1.80	13.13	18.68	8.66	3.82	5.93	3.22
Unplanned unavailable hours	0	0	0	12.46	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.90	4.10	2.30	14.57	0	0	1.12	3.05
Unplanned unavailable hours	0	0	0	0.48	0	0.23	0	0
Fault exposure hours	0	0	0	0	0	3.90	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00

Indicator value	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%
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Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



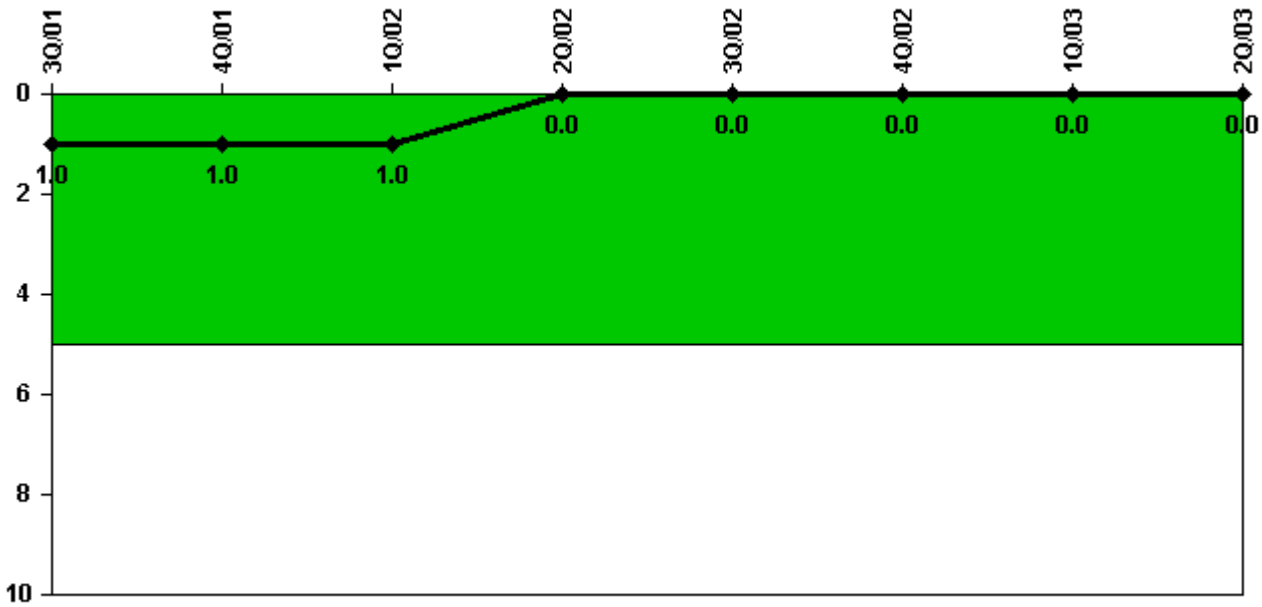
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	15.10	3.40	9.32	15.69	19.59	5.08	9.17	25.49
Unplanned unavailable hours	0	0	0	0	0	0	0	0.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.50	10.00	13.17	14.12	14.39	3.20	0.80	5.75
Unplanned unavailable hours	0	0	0	0	0	0	0.03	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



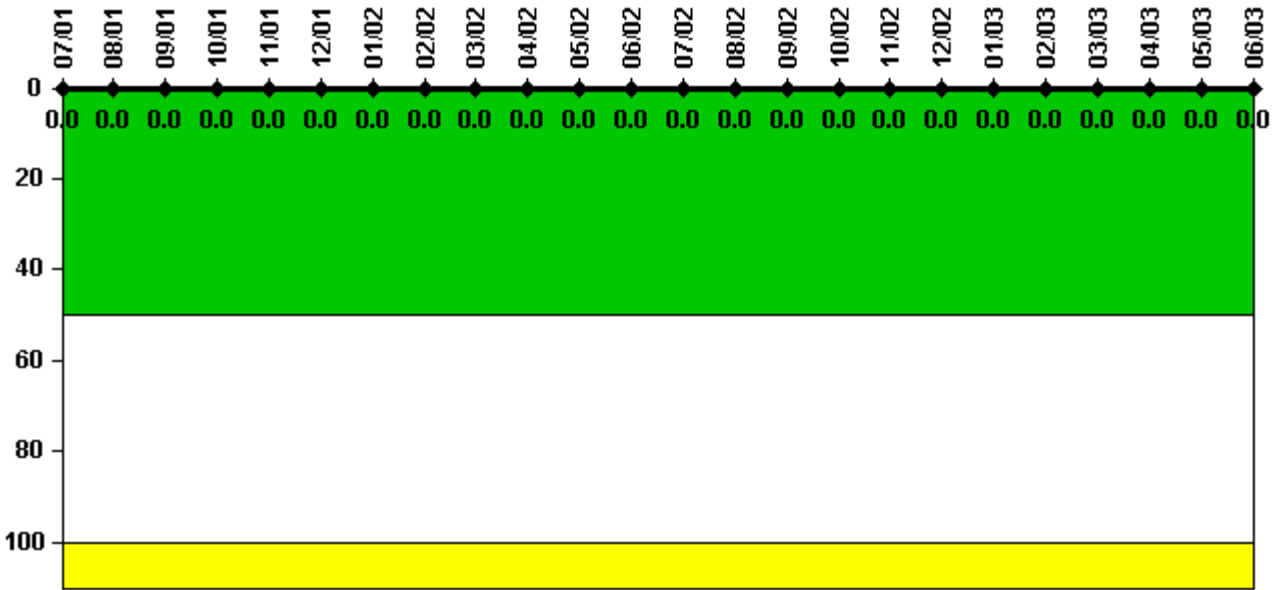
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

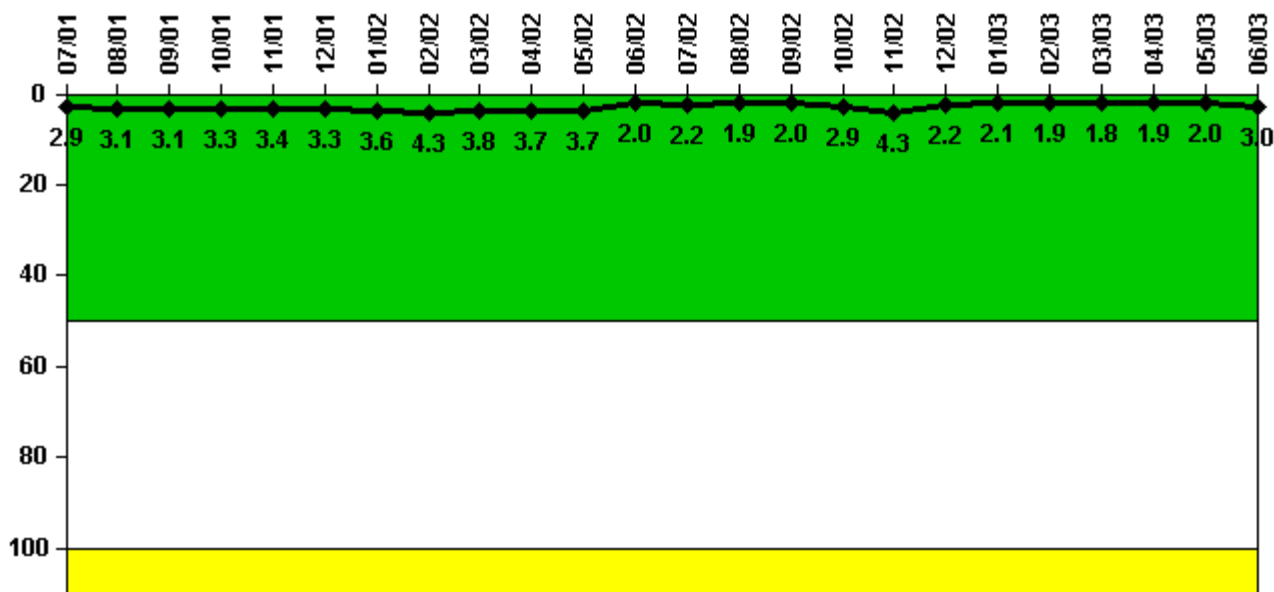
Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000332	0.000356	0.000300	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401	0.000448	0	0.000142
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

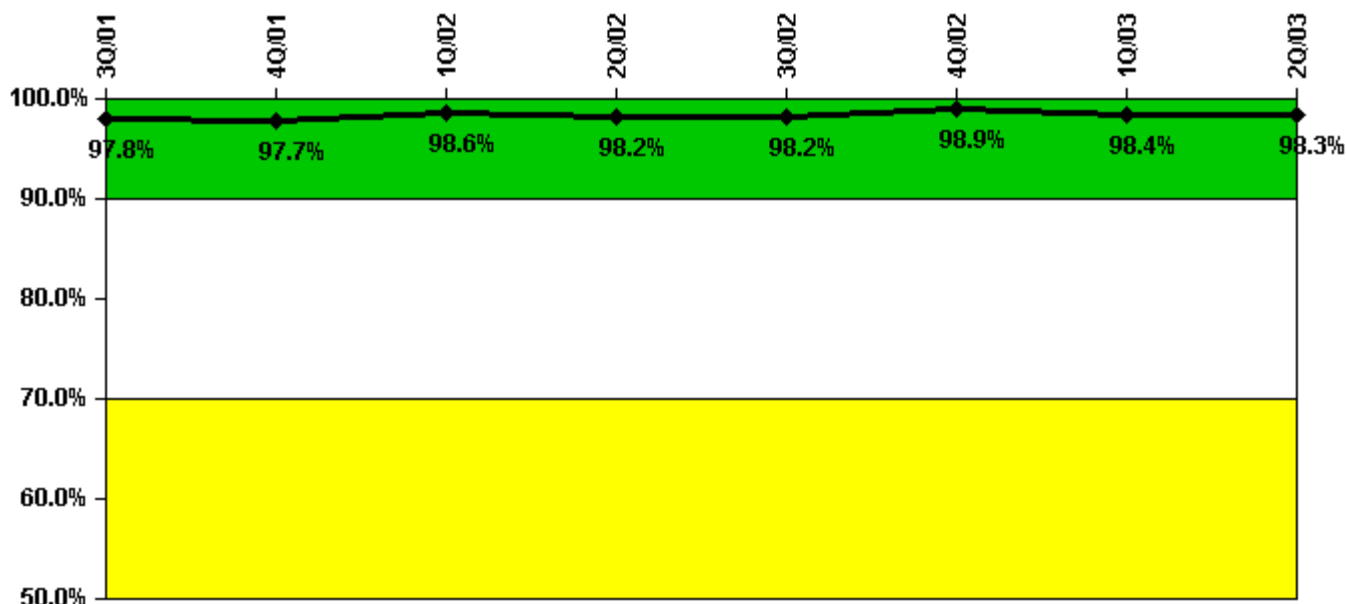
Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.290	0.310	0.310	0.330	0.340	0.330	0.360	0.430	0.380	0.370	0.370	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	3.1	3.1	3.3	3.4	3.3	3.6	4.3	3.8	3.7	3.7	2.0

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.220	0.190	0.200	0.290	0.430	0.220	0.210	0.190	0.180	0.190	0.200	0.300
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.2	1.9	2.0	2.9	4.3	2.2	2.1	1.9	1.8	1.9	2.0	3.0

Licensee Comments: none

Drill/Exercise Performance



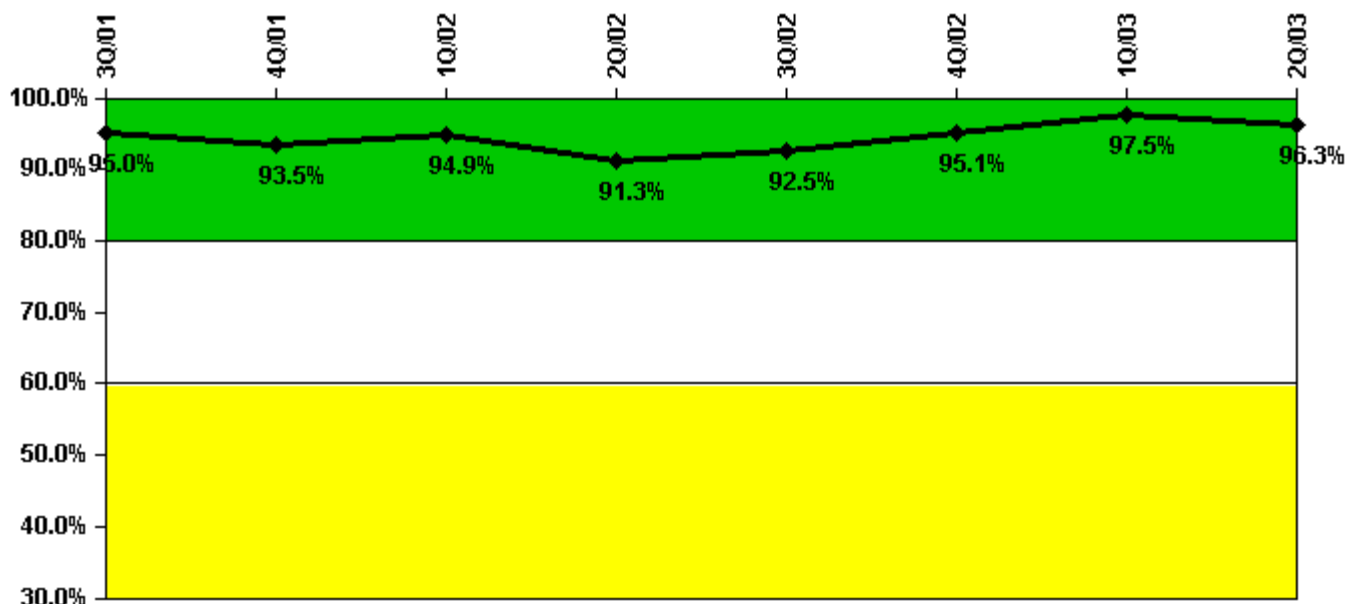
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	20.0	29.0	14.0	5.0	26.0	46.0	18.0	13.0
Total opportunities	20.0	30.0	14.0	5.0	26.0	47.0	19.0	13.0
Indicator value	97.8%	97.7%	98.6%	98.2%	98.2%	98.9%	98.4%	98.3%

Licensee Comments: none

ERO Drill Participation



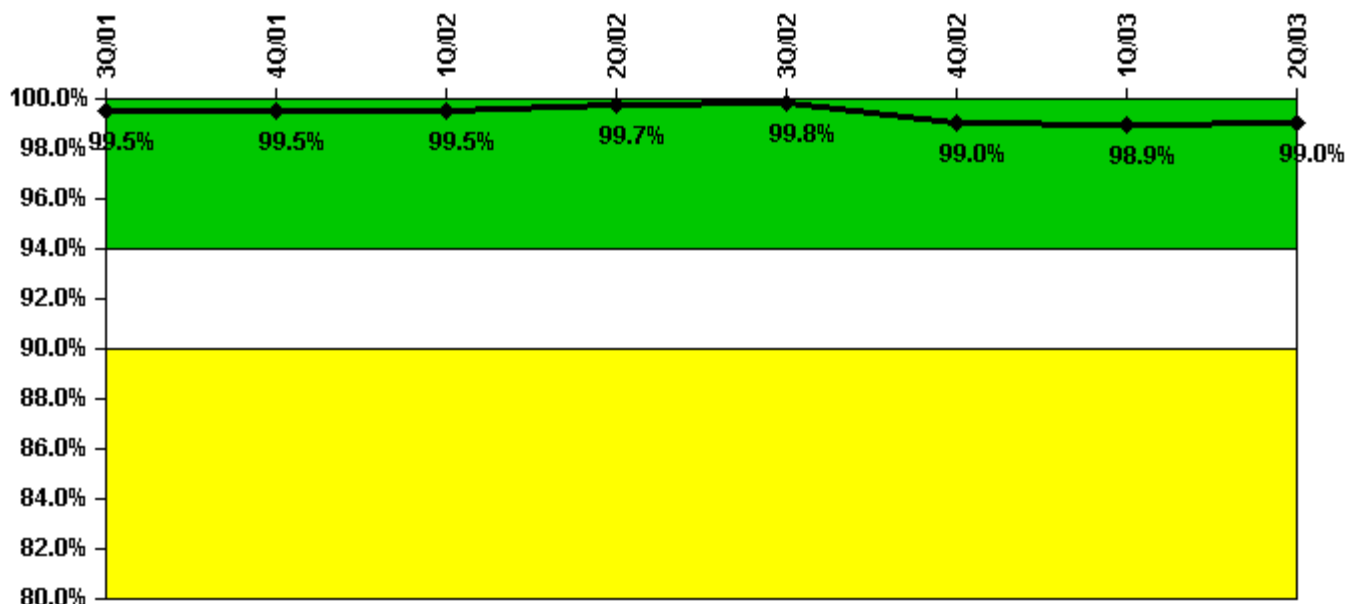
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	76.0	72.0	75.0	73.0	74.0	77.0	79.0	77.0
Total Key personnel	80.0	77.0	79.0	80.0	80.0	81.0	81.0	80.0
Indicator value	95.0%	93.5%	94.9%	91.3%	92.5%	95.1%	97.5%	96.3%

Licensee Comments: none

Alert & Notification System



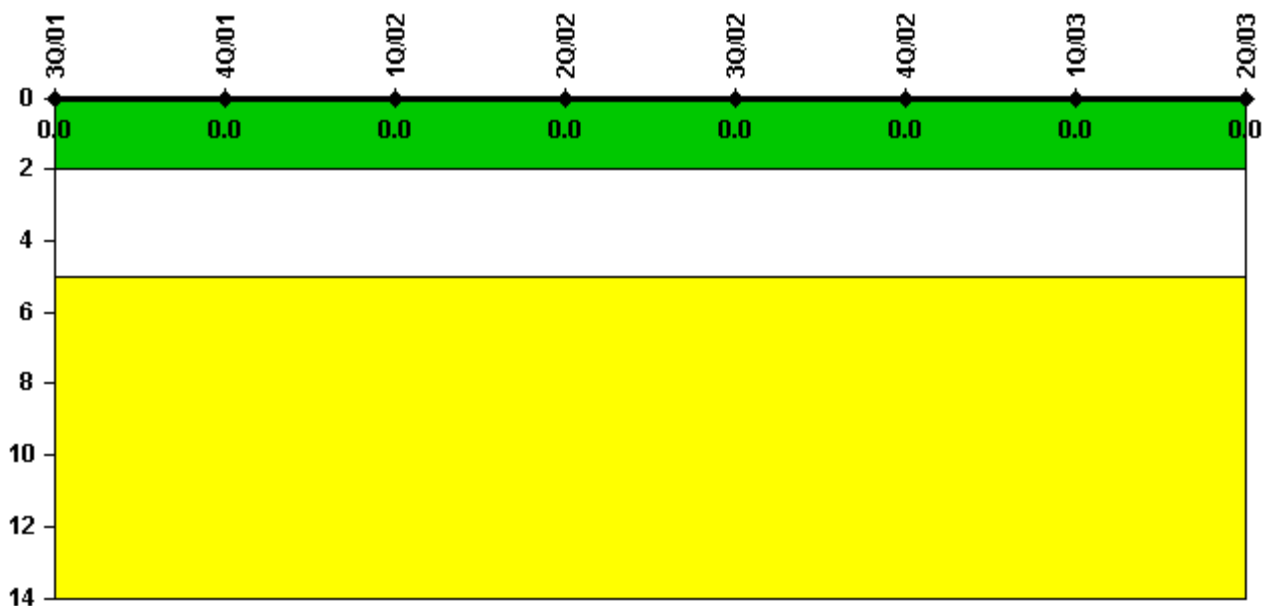
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	720	846	844	725	846	698	724	846
Total sirens-tests	726	847	847	726	847	726	726	847
Indicator value	99.5%	99.5%	99.5%	99.7%	99.8%	99.0%	98.9%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



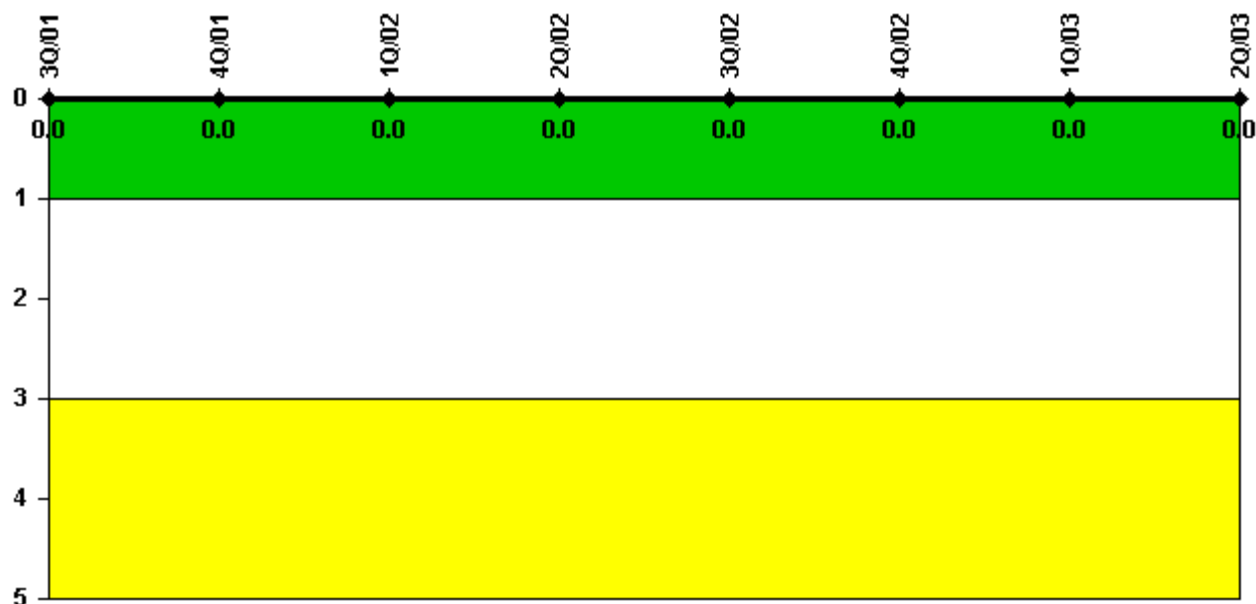
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



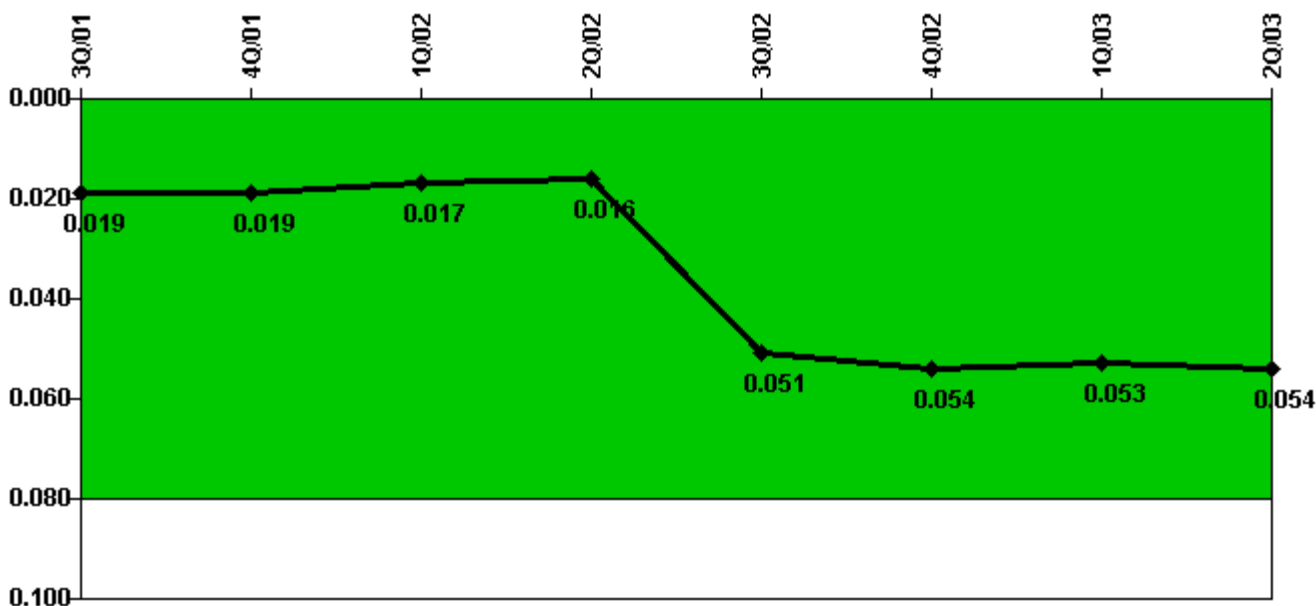
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



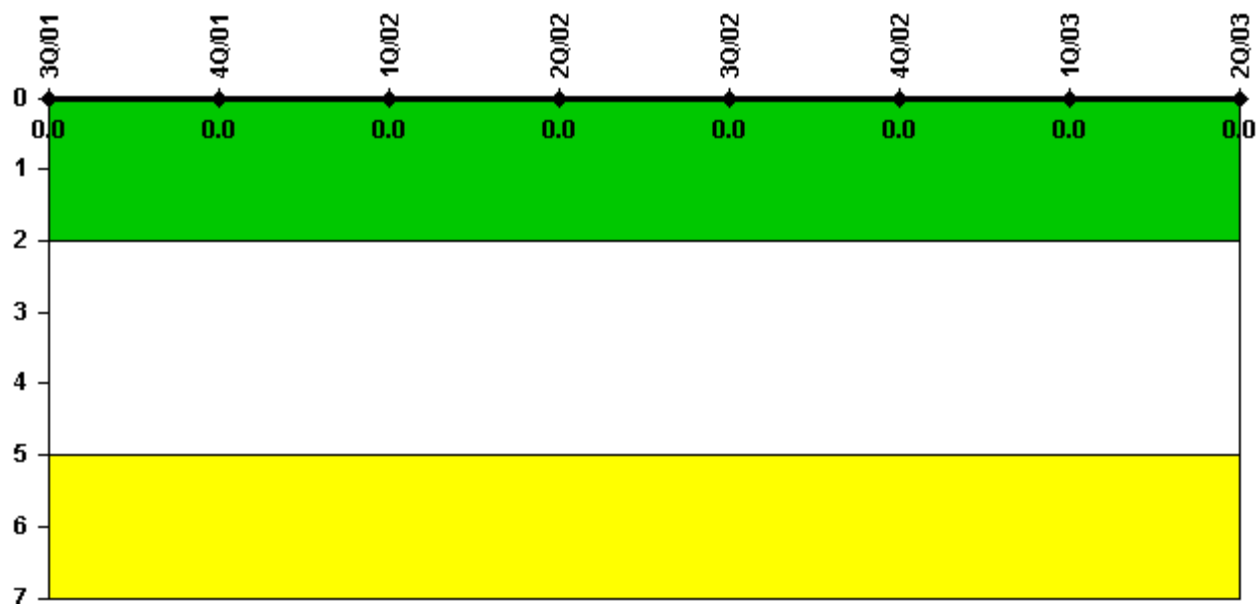
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	187.30	48.90	39.50	78.80	983.30	126.00	30.10	92.60
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.019	0.019	0.017	0.016	0.051	0.054	0.053	0.054

Licensee Comments: none

Personnel Screening Program



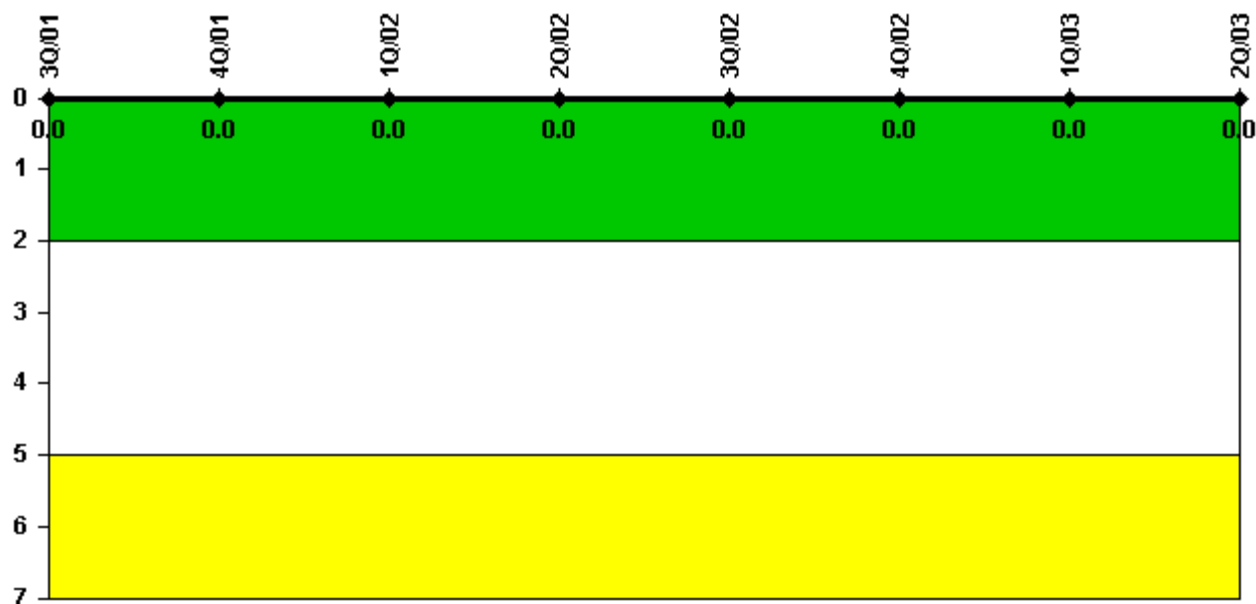
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

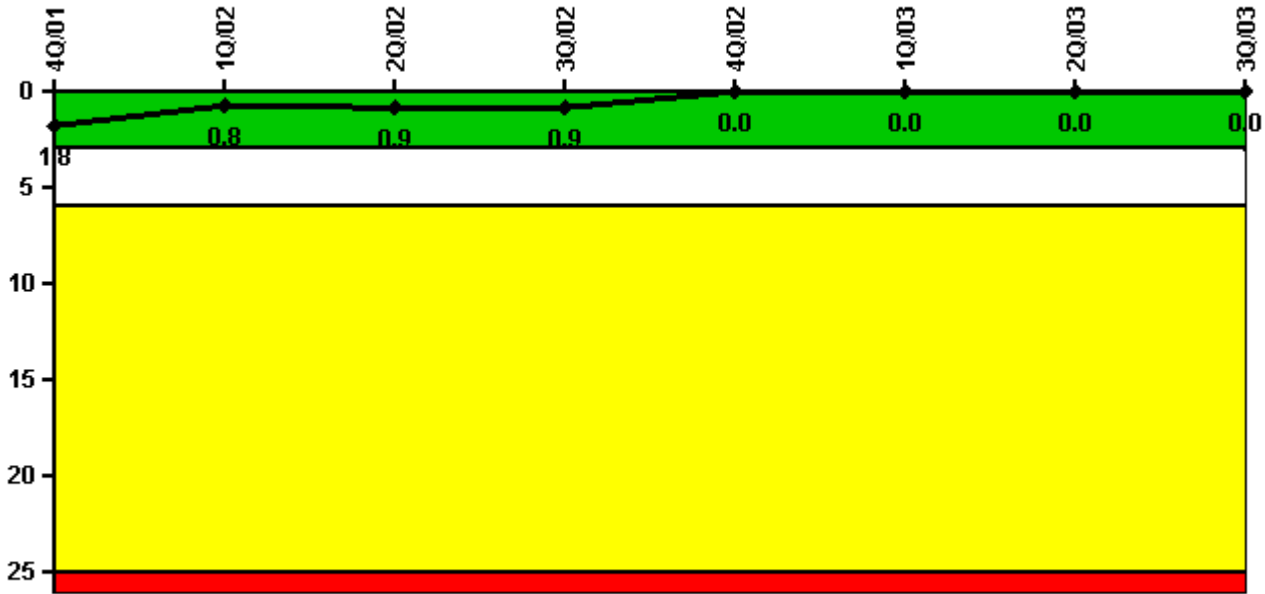
Last Modified: July 22, 2003

Seabrook 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



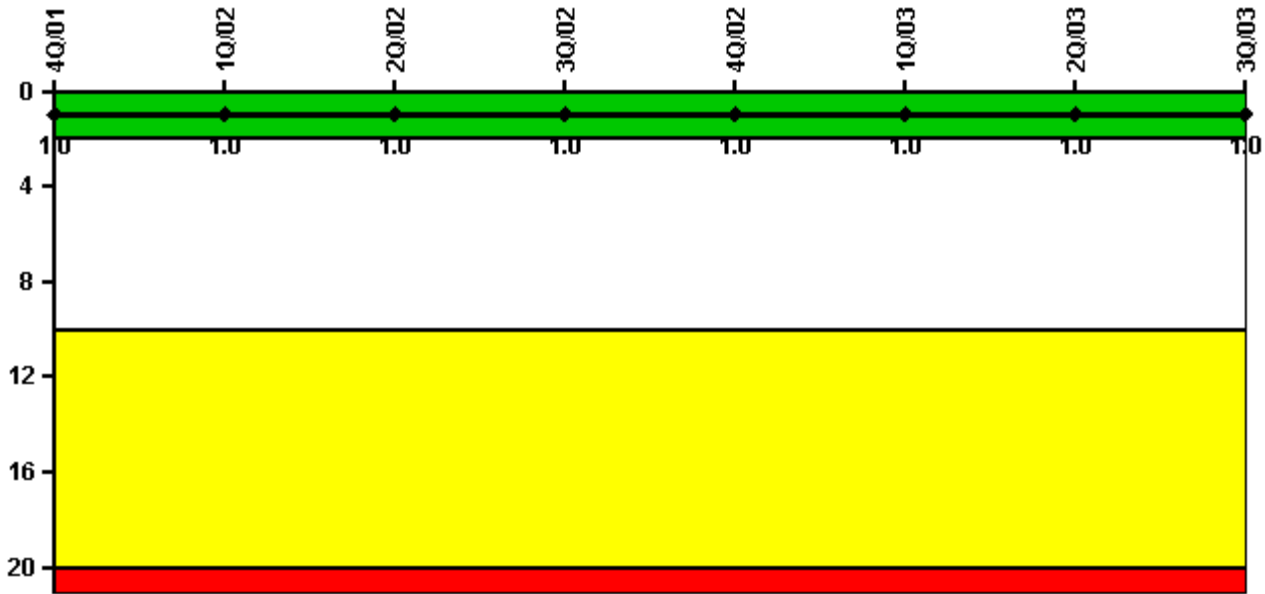
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	1.8	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



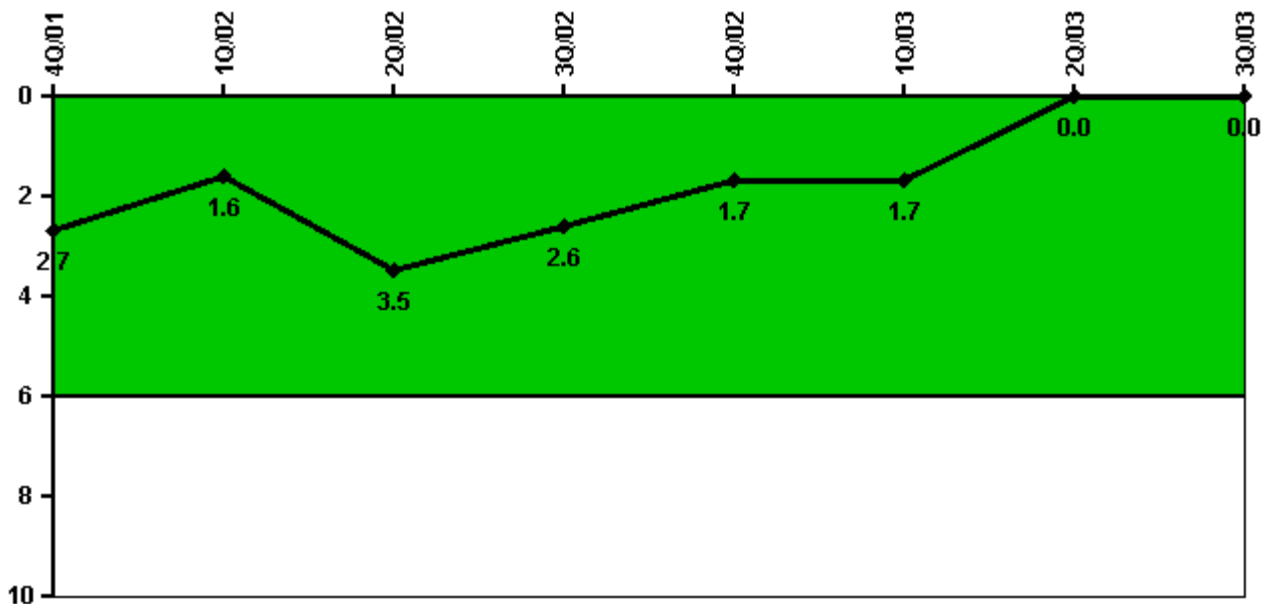
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



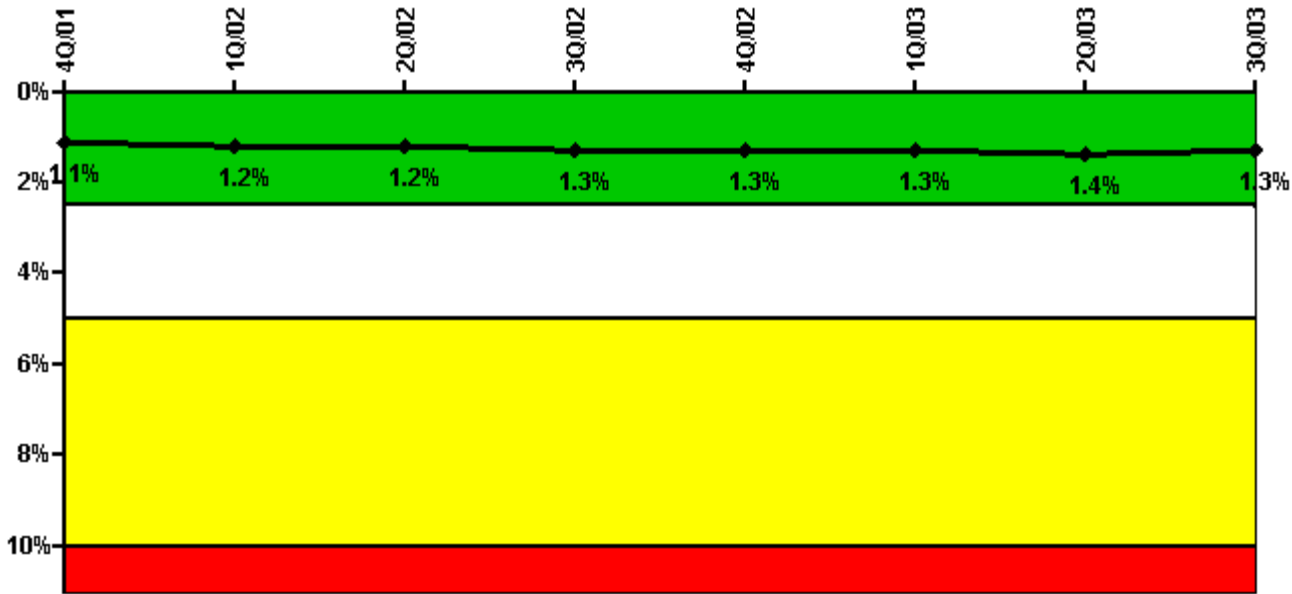
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	1.0	0	2.0	0	0	0	0	0
Critical hours	2108.0	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	2.7	1.6	3.5	2.6	1.7	1.7	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



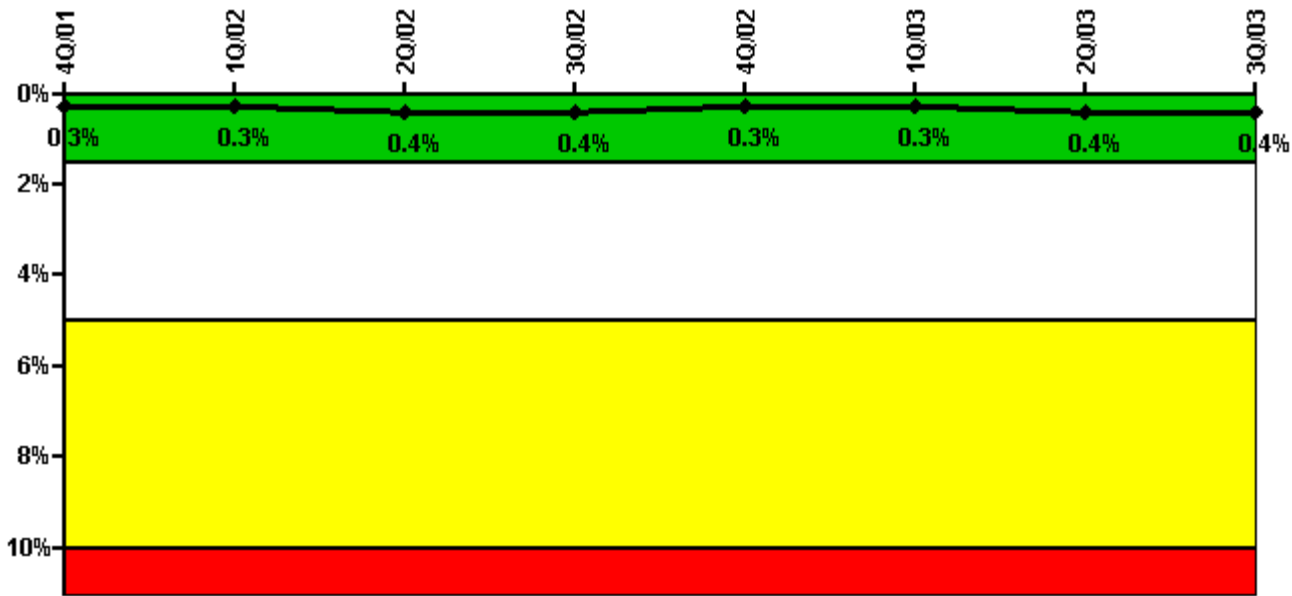
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	6.60	36.65	14.59	17.57	24.06	0.43	34.11	1.38
Unplanned unavailable hours	0	0	8.51	16.32	0	0	36.17	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	12.10	20.82	3.45	5.65	20.01	14.73	0	23.68
Unplanned unavailable hours	5.30	0	0.83	82.35	10.61	0	0	7.87
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.1%	1.2%	1.2%	1.3%	1.3%	1.3%	1.4%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

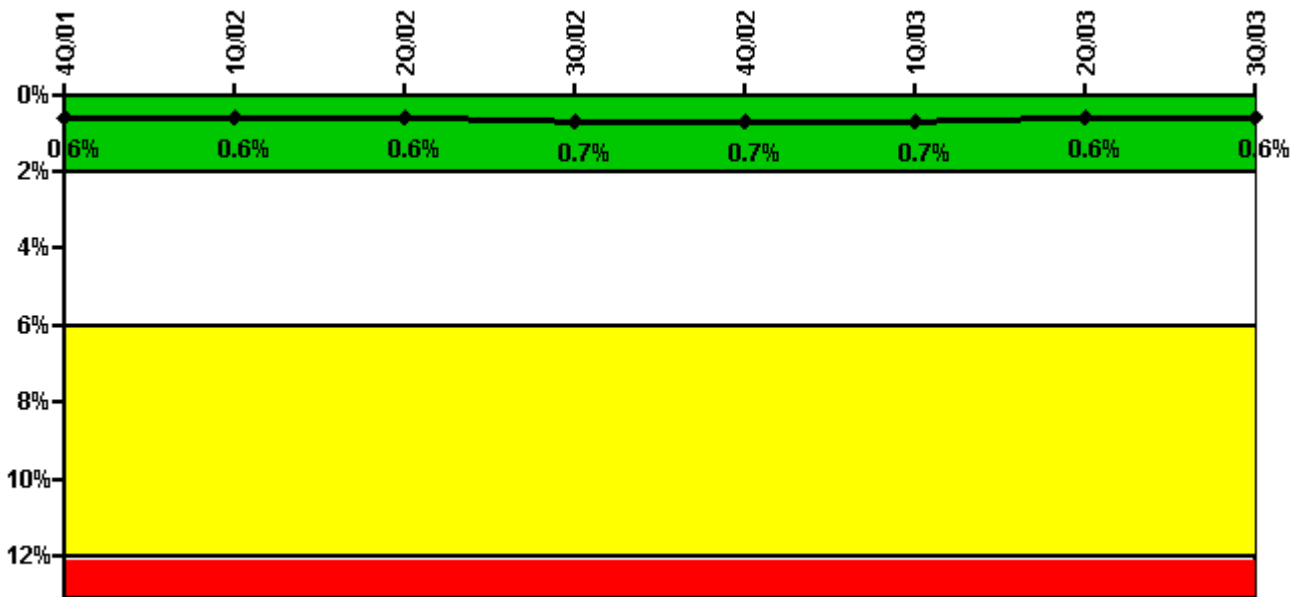
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	12.50	6.11	1.52	1.62	21.75	10.08	1.25	24.56
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.40	14.65	2.80	1.32	0	1.12	35.40	2.20
Unplanned unavailable hours	0	0	0	0	0	0	14.13	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	23.39	18.20	1.80	0	0.82	3.47	2.23
Unplanned unavailable hours	0	0	0	0	0	0	8.62	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	14.18	21.14	12.45	1.17	16.62	0.82	21.62
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

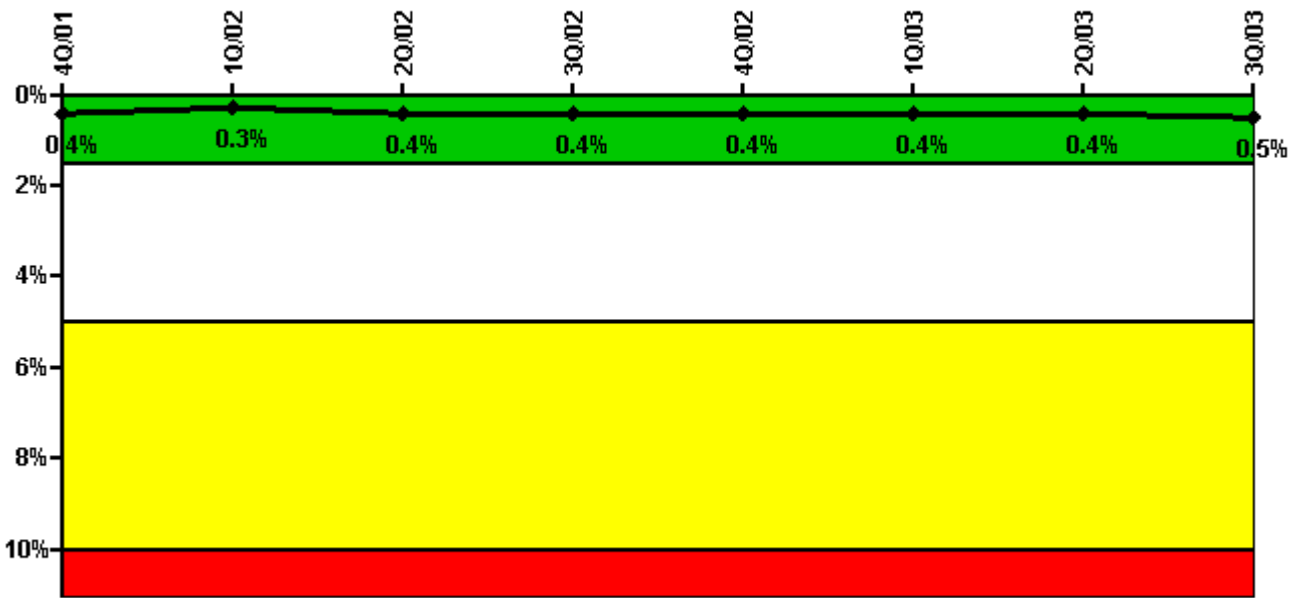
Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	1.80	13.13	18.68	8.66	3.82	5.93	3.22	3.21
Unplanned unavailable hours	0	0	12.46	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.10	2.30	14.57	0	0	1.12	3.05	0
Unplanned unavailable hours	0	0	0.48	0	0.23	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%
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Licensee Comments:

4Q/02: There were 3.90 hours of T/2 Fault Exposure hours associated with EFW Train "B".

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

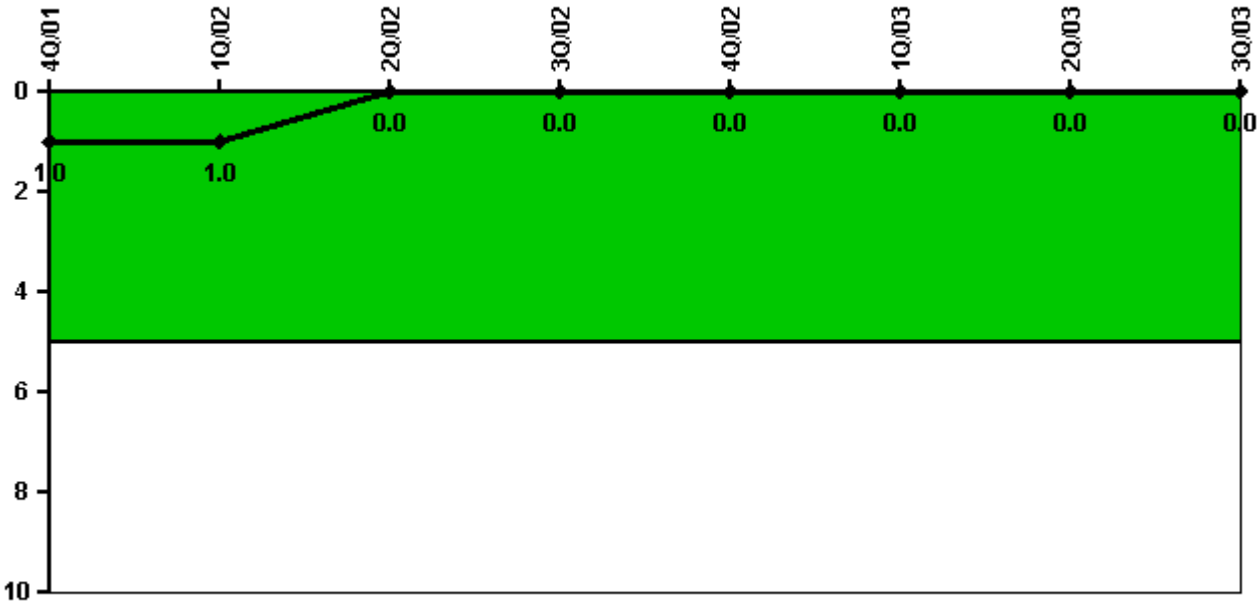
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.40	9.32	15.69	19.59	5.08	9.17	25.49	26.37
Unplanned unavailable hours	0	0	0	0	0	0	0.08	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	10.00	13.17	14.12	14.39	3.20	0.80	5.75	23.07
Unplanned unavailable hours	0	0	0	0	0	0.03	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%
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Licensee Comments: none

Safety System Functional Failures (PWR)



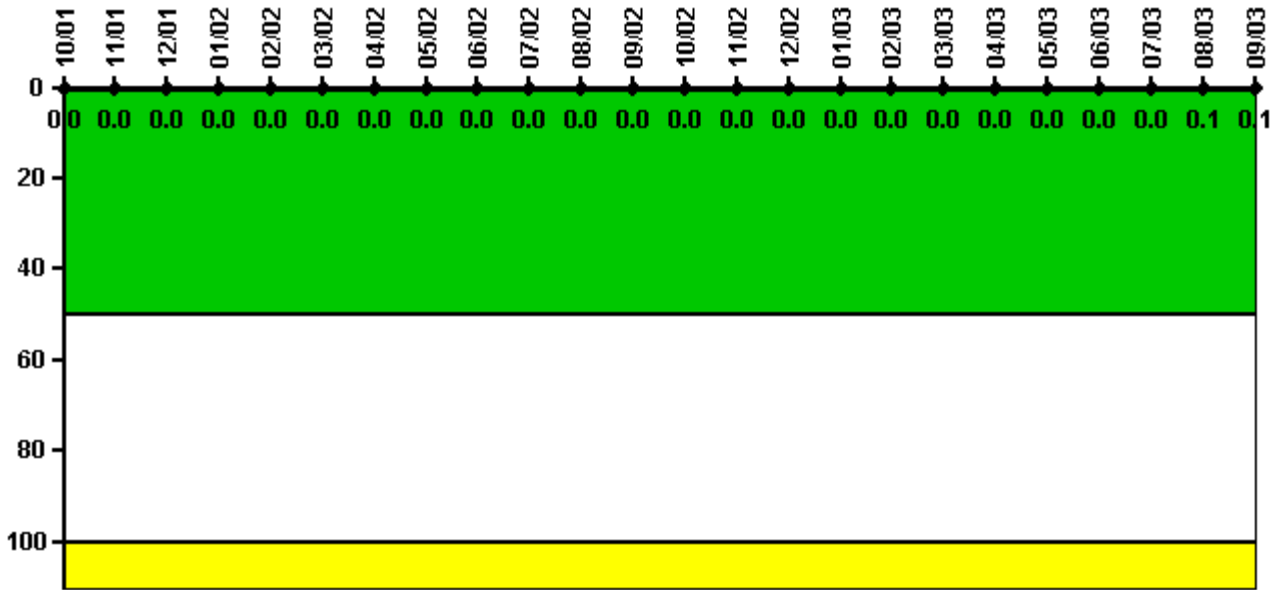
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

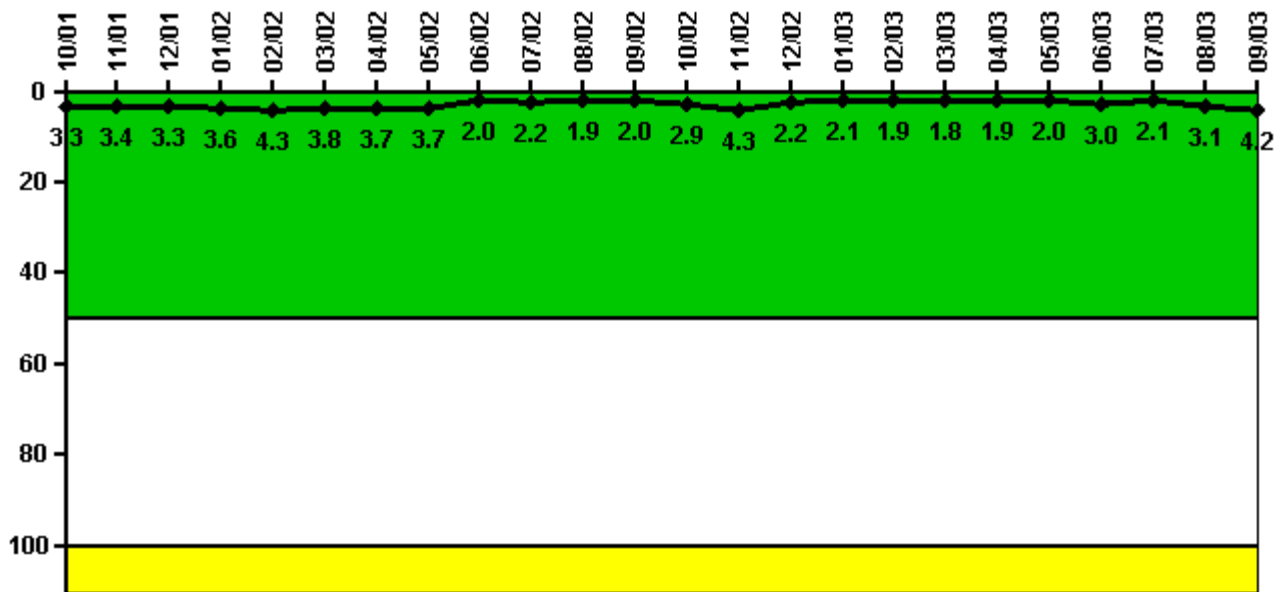
Notes

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000326	0.000464	0.000400	0.000405	0.000395	0.000401	0.000448	0	0.000142	0.000165	0.000164	0.000177
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

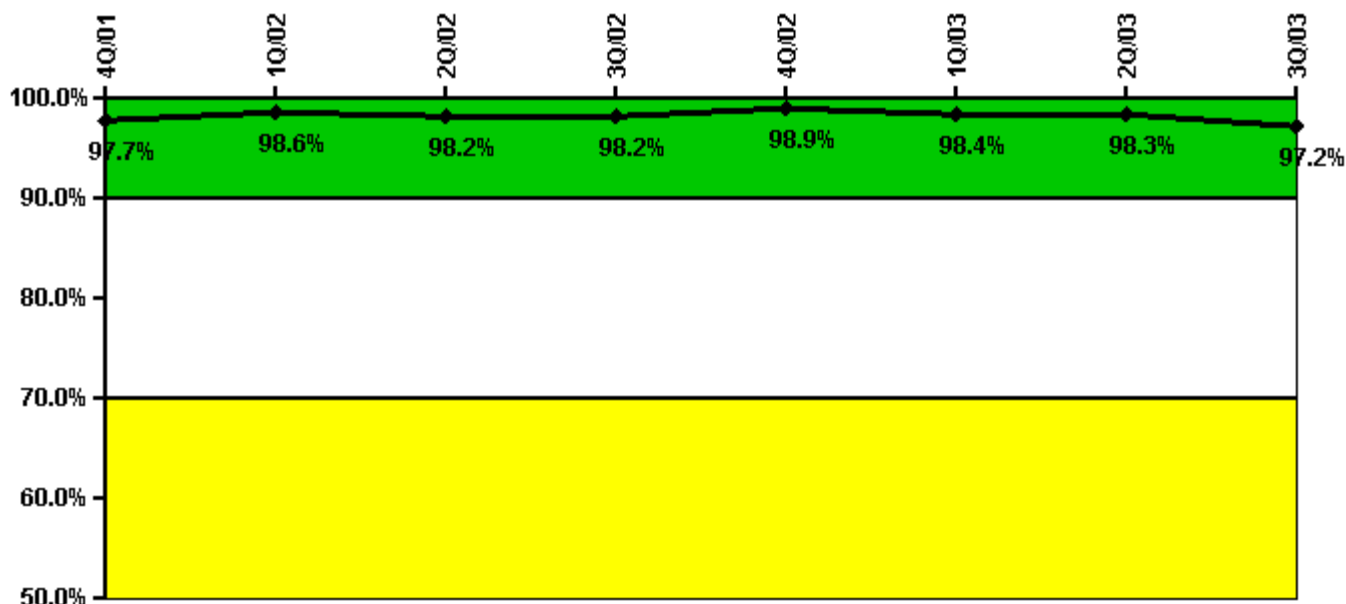
Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.330	0.340	0.330	0.360	0.430	0.380	0.370	0.370	0.200	0.220	0.190	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.3	3.4	3.3	3.6	4.3	3.8	3.7	3.7	2.0	2.2	1.9	2.0

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.290	0.430	0.220	0.210	0.190	0.180	0.190	0.200	0.300	0.210	0.310	0.420
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	4.3	2.2	2.1	1.9	1.8	1.9	2.0	3.0	2.1	3.1	4.2

Licensee Comments: none

Drill/Exercise Performance



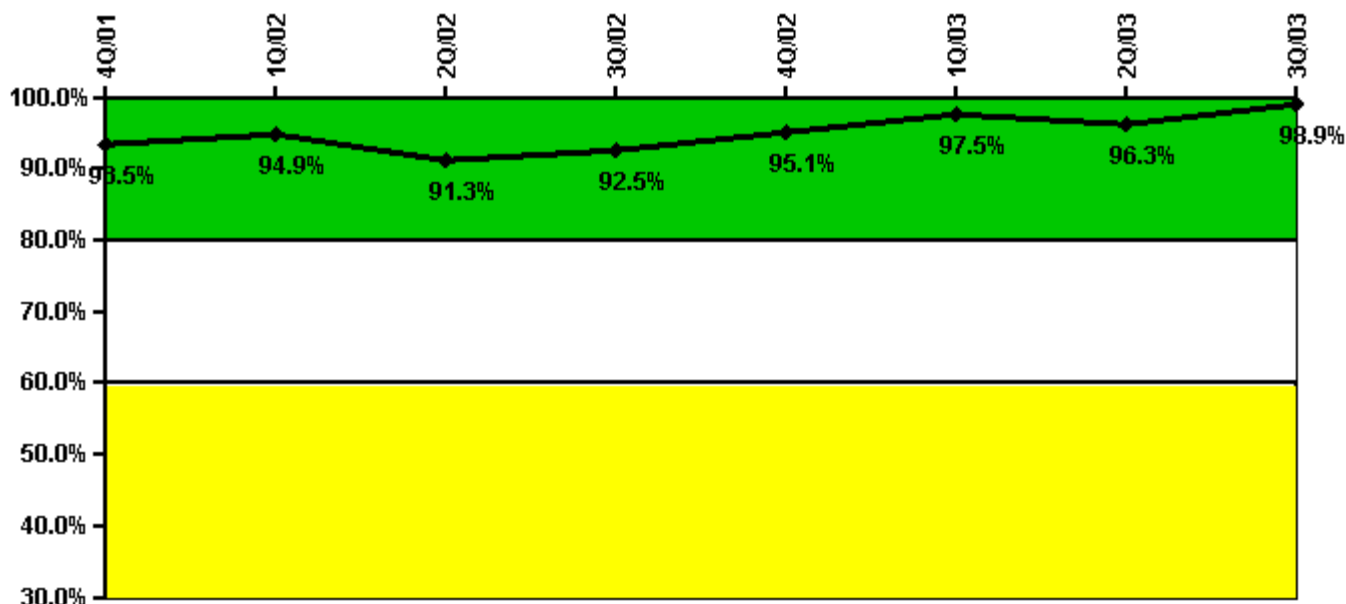
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	29.0	14.0	5.0	26.0	46.0	18.0	13.0	25.0
Total opportunities	30.0	14.0	5.0	26.0	47.0	19.0	13.0	27.0
Indicator value	97.7%	98.6%	98.2%	98.2%	98.9%	98.4%	98.3%	97.2%

Licensee Comments: none

ERO Drill Participation



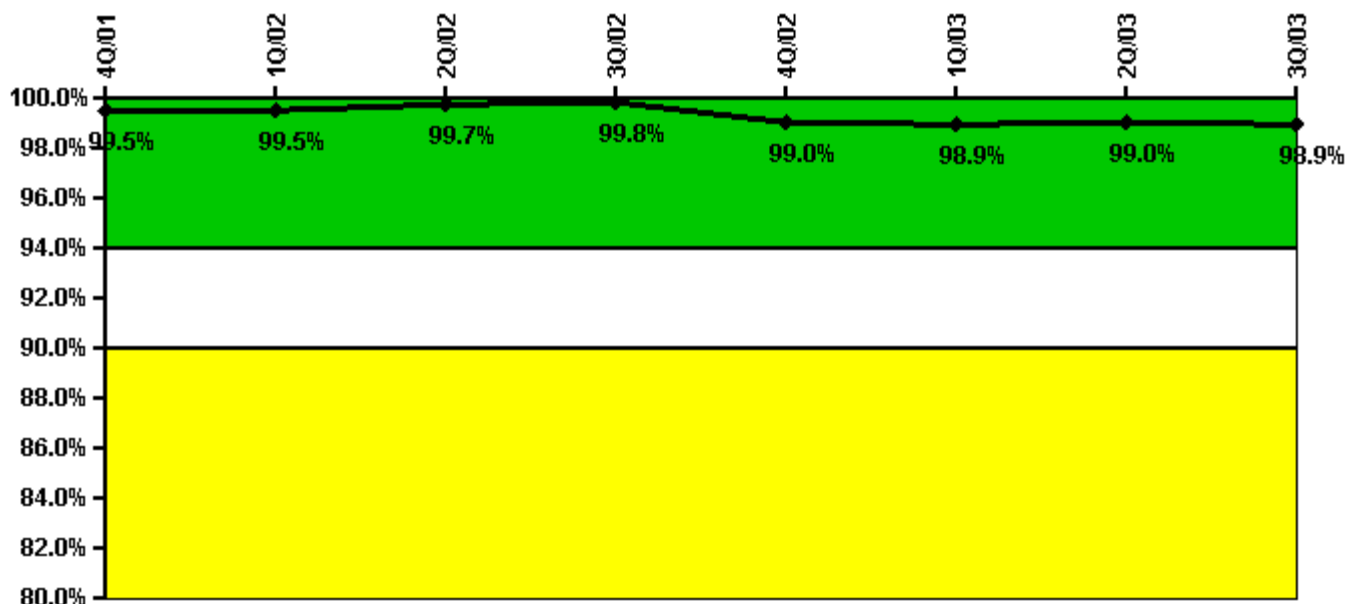
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	72.0	75.0	73.0	74.0	77.0	79.0	77.0	86.0
Total Key personnel	77.0	79.0	80.0	80.0	81.0	81.0	80.0	87.0
Indicator value	93.5%	94.9%	91.3%	92.5%	95.1%	97.5%	96.3%	98.9%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	846	844	725	846	698	724	846	723
Total sirens-tests	847	847	726	847	726	726	847	726
Indicator value	99.5%	99.5%	99.7%	99.8%	99.0%	98.9%	99.0%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



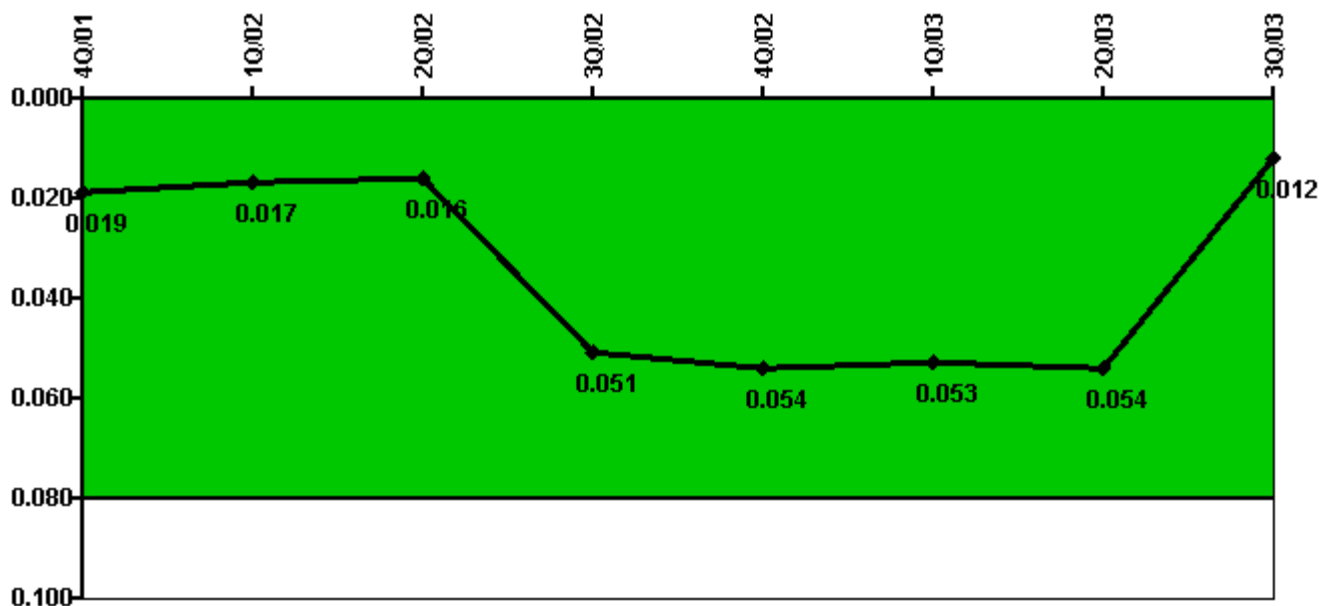
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



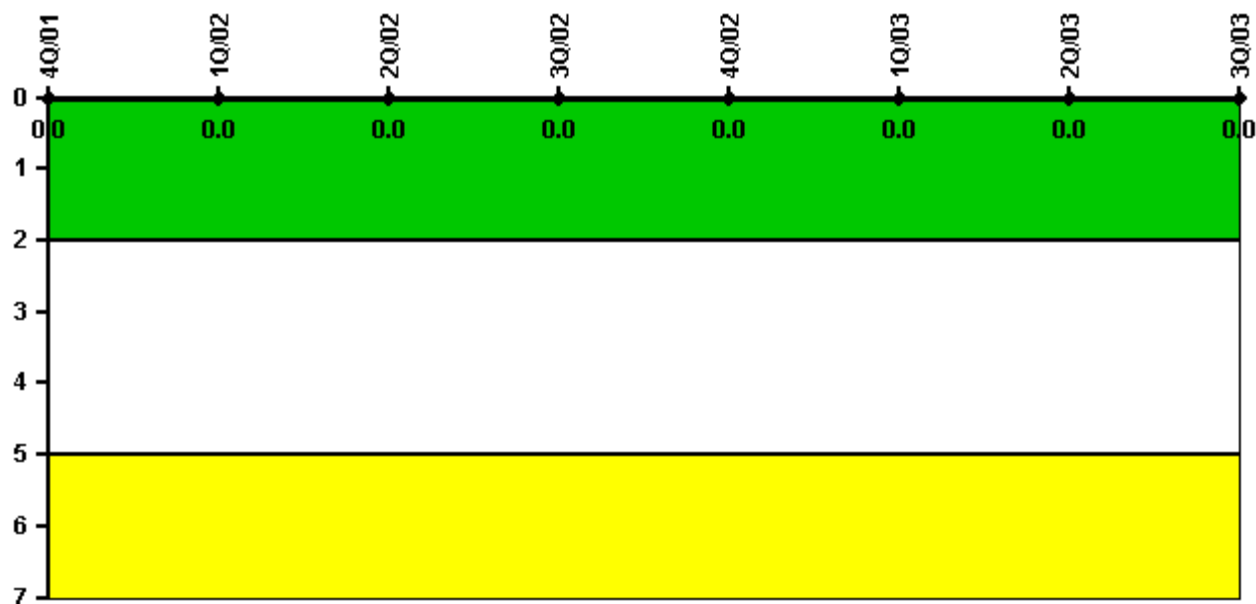
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	48.90	39.50	78.80	983.30	126.00	30.10	92.60	28.40
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.019	0.017	0.016	0.051	0.054	0.053	0.054	0.012

Licensee Comments: none

Personnel Screening Program



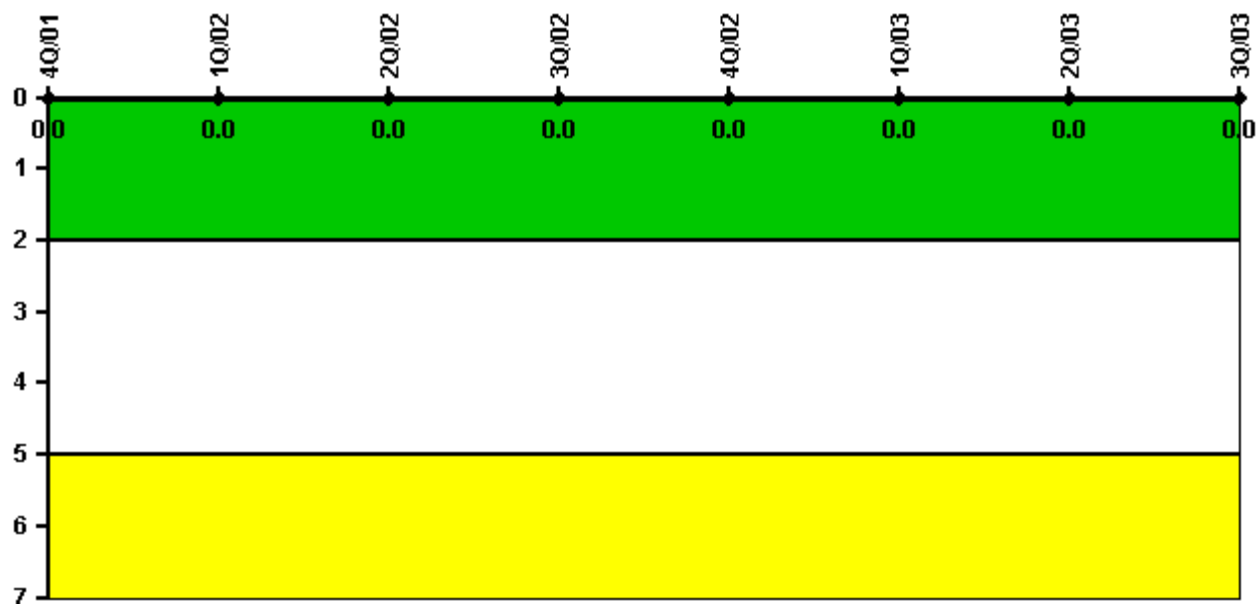
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

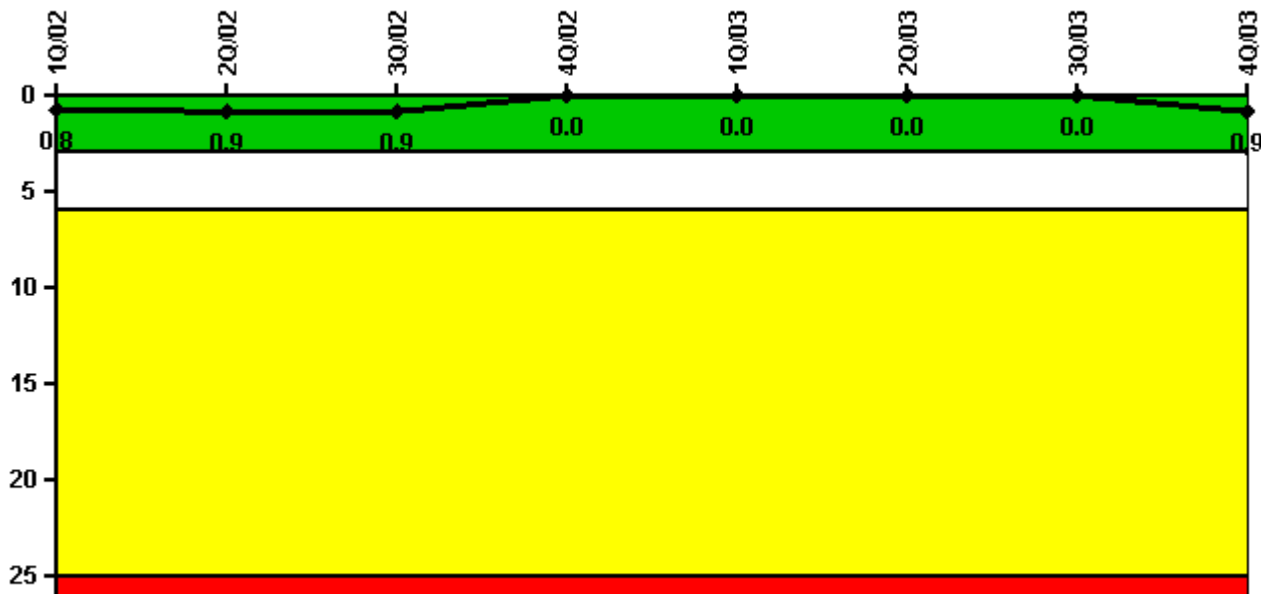
Last Modified: October 22, 2003

Seabrook 1

4Q/2003 Performance Indicators

Licensee's General Comments: Changes are due to math error and conservative decisions on officer posting.

Unplanned Scrams per 7000 Critical Hrs



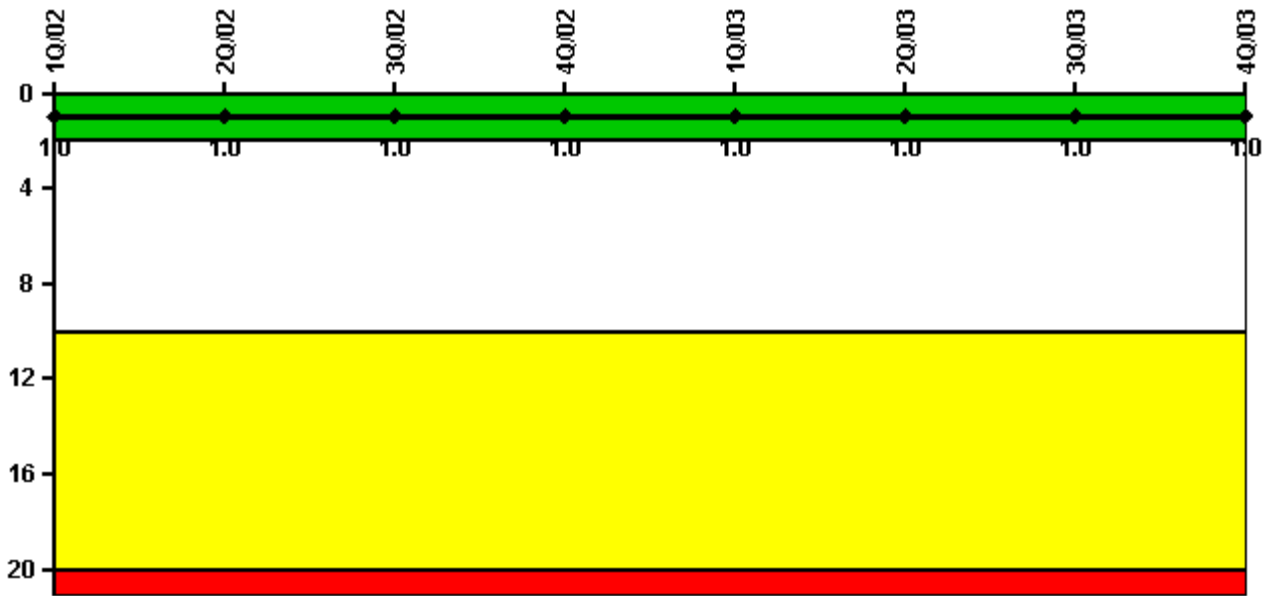
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2
Indicator value	0.8	0.9	0.9	0	0	0	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



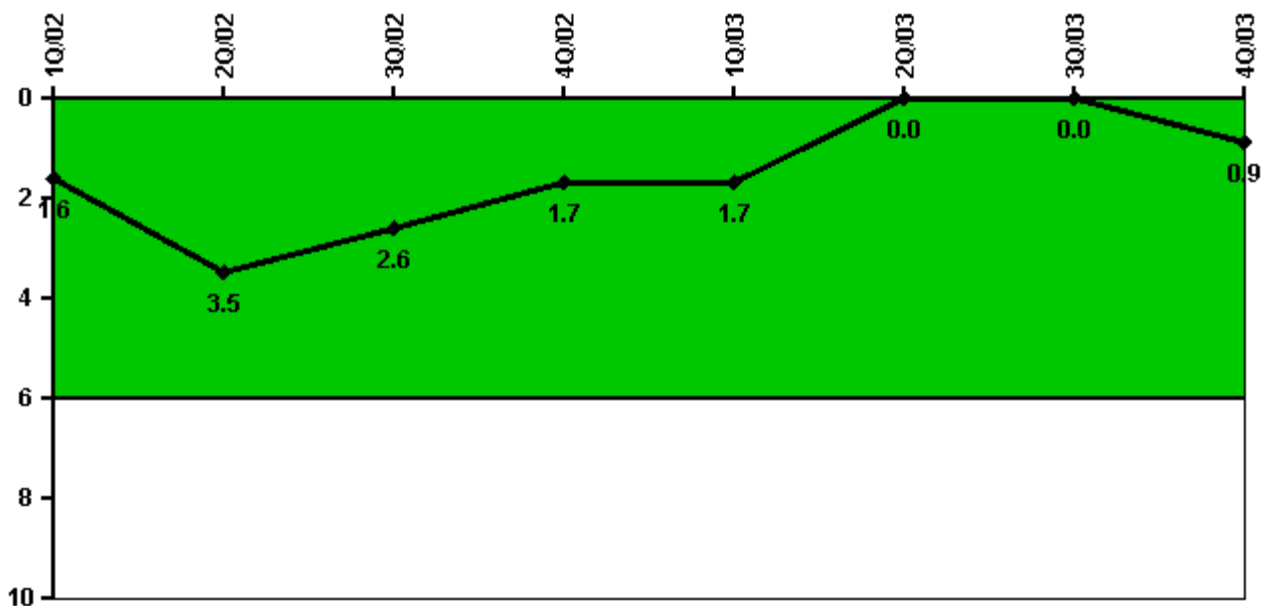
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



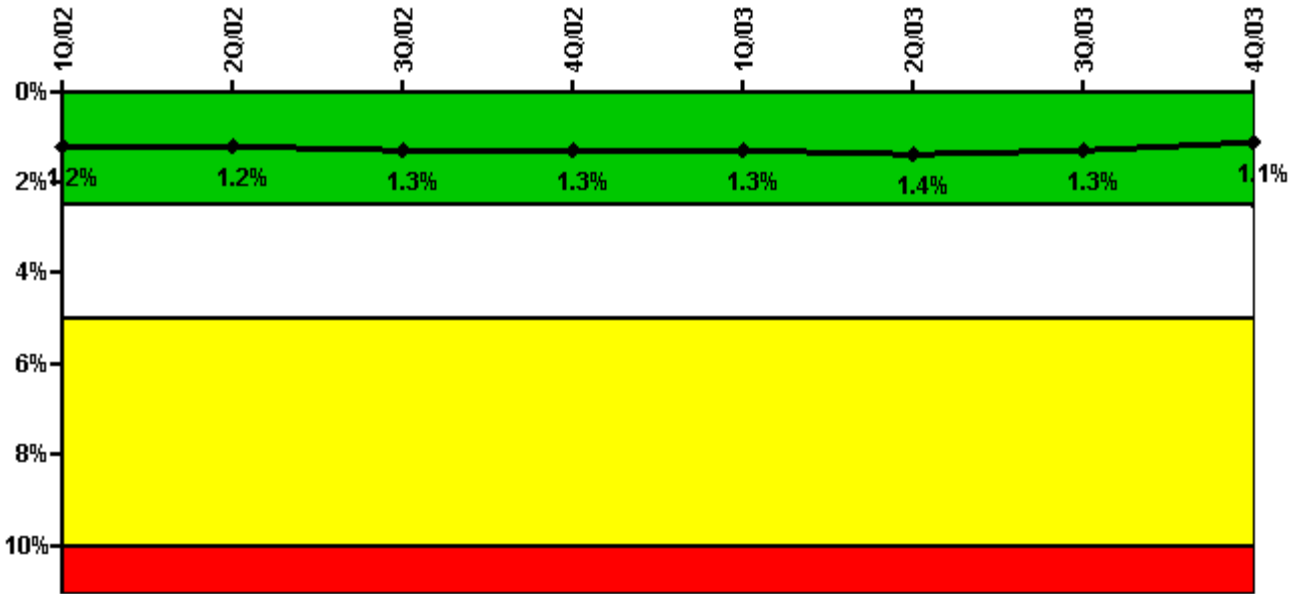
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	2.0	0	0	0	0	0	1.0
Critical hours	2160.0	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2
Indicator value	1.6	3.5	2.6	1.7	1.7	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



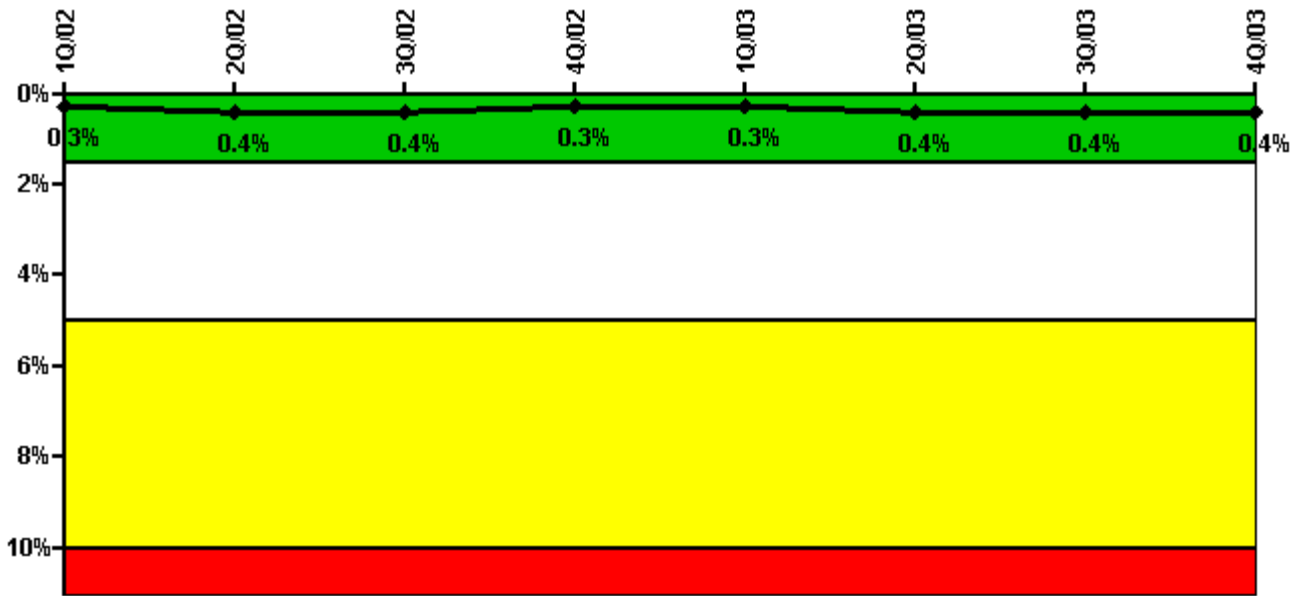
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	36.65	14.59	17.57	24.06	0.43	34.11	1.38	1.67
Unplanned unavailable hours	0	8.51	16.32	0	0	36.17	0	13.55
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00
Train 2								
Planned unavailable hours	20.82	3.45	5.65	20.01	14.73	0	23.68	0.83
Unplanned unavailable hours	0	0.83	82.35	10.61	0	0	7.87	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00
Indicator value	1.2%	1.2%	1.3%	1.3%	1.3%	1.4%	1.3%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

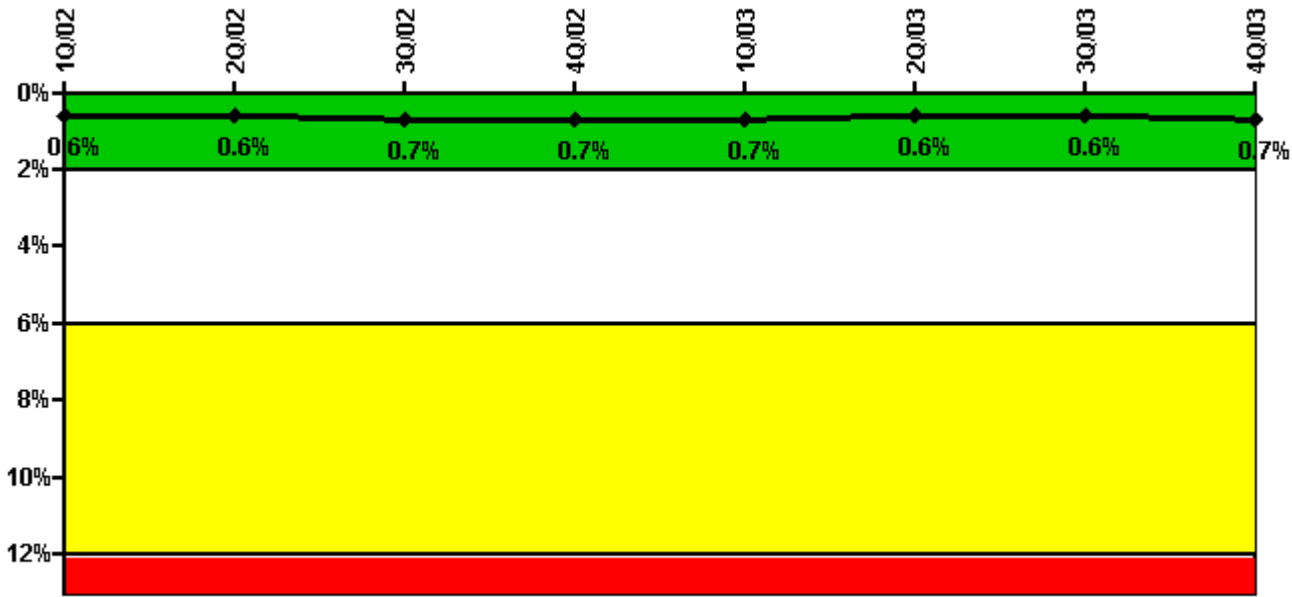
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	6.11	1.52	1.62	21.75	10.08	1.25	24.56	1.47
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50
Train 2								
Planned unavailable hours	14.65	2.80	1.32	0	1.12	35.40	2.20	1.72
Unplanned unavailable hours	0	0	0	0	0	14.13	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50
Train 3								
Planned unavailable hours	23.39	18.20	1.80	0	0.82	3.47	2.23	0.57
Unplanned unavailable hours	0	0	0	0	0	8.62	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50
Train 4								
Planned unavailable hours	14.18	21.14	12.45	1.17	16.62	0.82	21.62	0.53
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50
Indicator value	0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

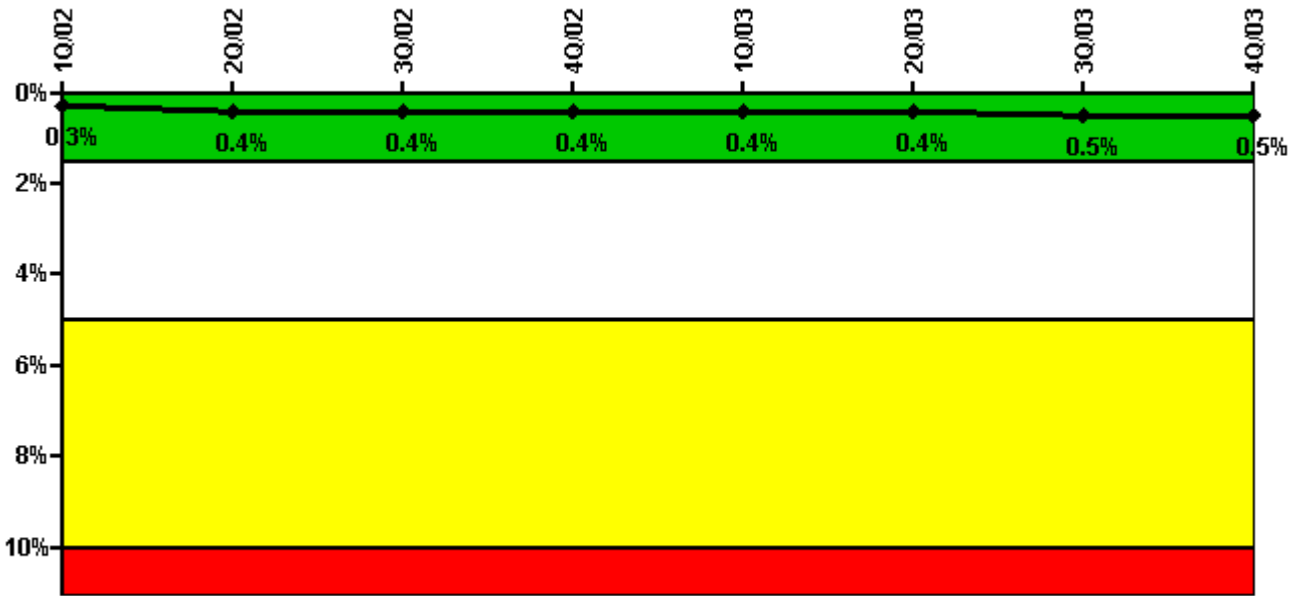
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	13.13	18.68	8.66	3.82	5.93	3.22	3.21	5.49
Unplanned unavailable hours	0	12.46	0	0	0	0	0	14.78
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50
Train 2								
Planned unavailable hours	2.30	14.57	0	0	1.12	3.05	0	2.95
Unplanned unavailable hours	0	0.48	0	0.23	0	0	0	11.61
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50

Indicator value	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%	0.7%
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Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



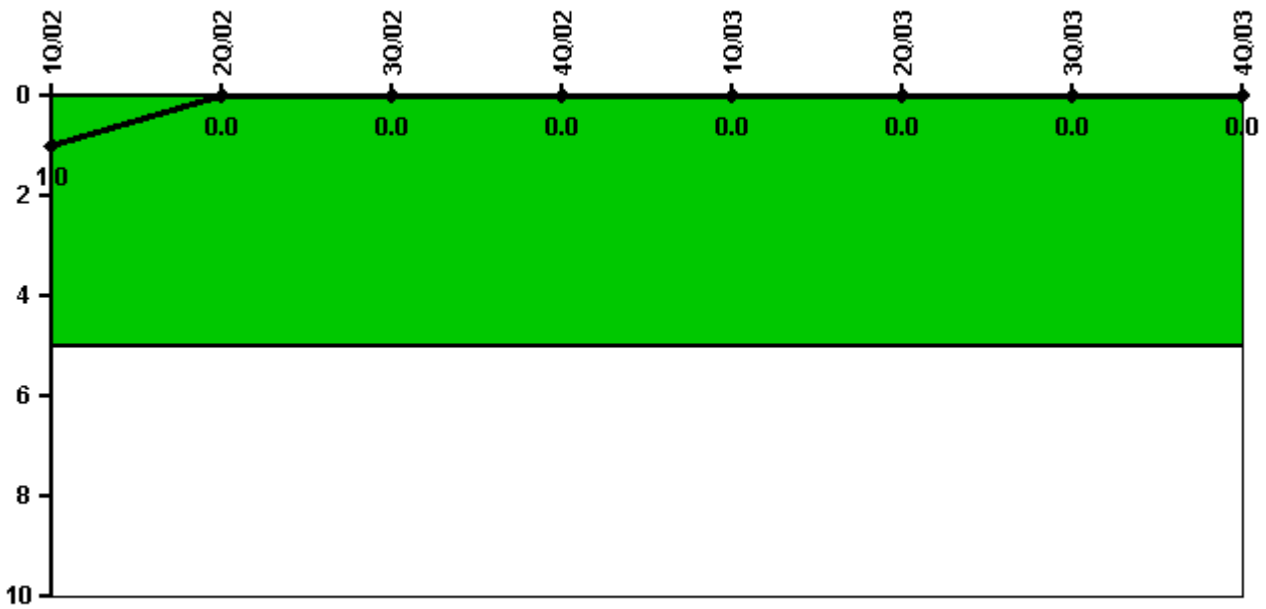
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	9.32	15.69	19.59	5.08	9.17	25.49	26.37	4.03
Unplanned unavailable hours	0	0	0	0	0	0.08	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60
Train 2								
Planned unavailable hours	13.17	14.12	14.39	3.20	0.80	5.75	23.07	0.13
Unplanned unavailable hours	0	0	0	0	0.03	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



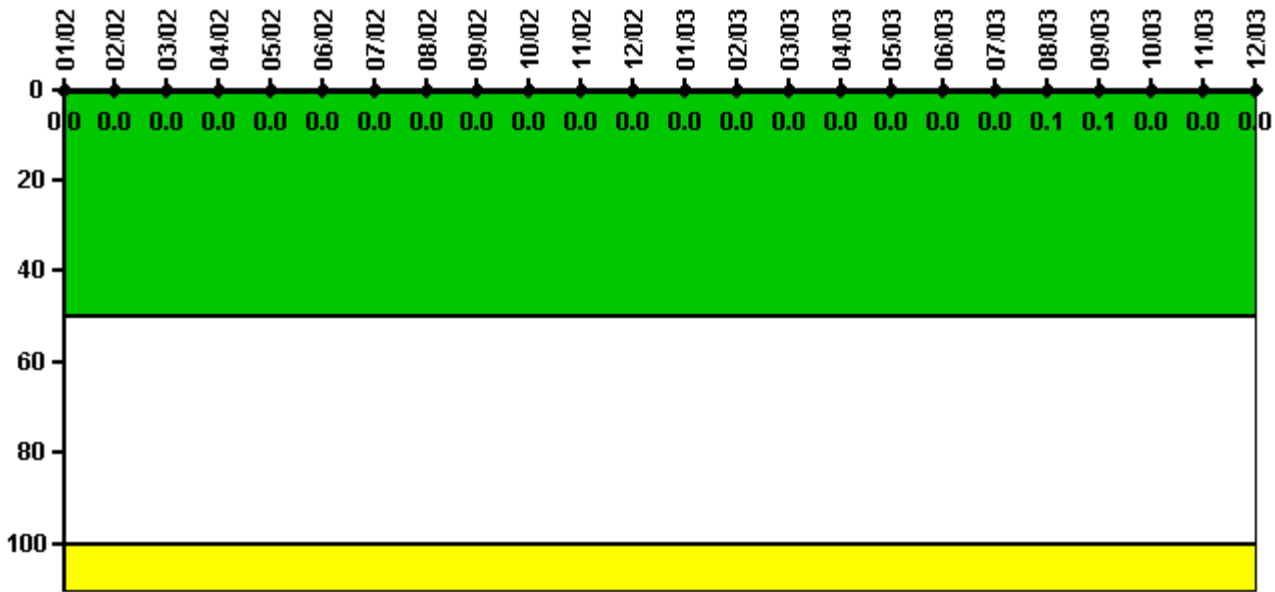
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

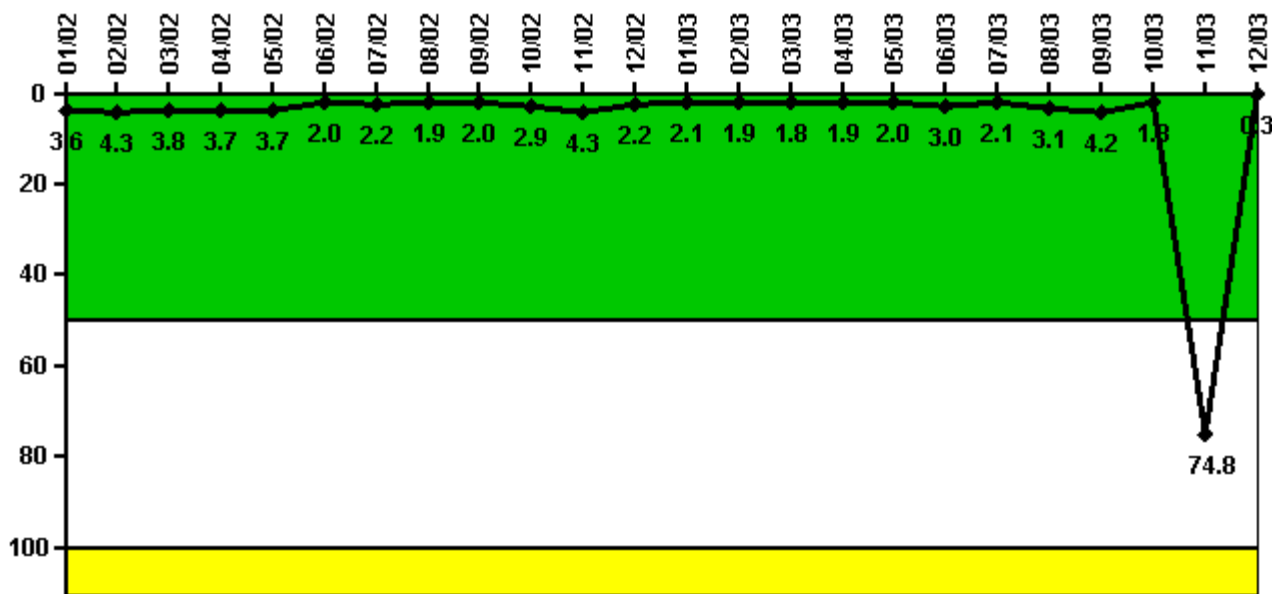
Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000405	0.000395	0.000401	0.000448	0	0.000142	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903	0	0.000103	0.000126
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

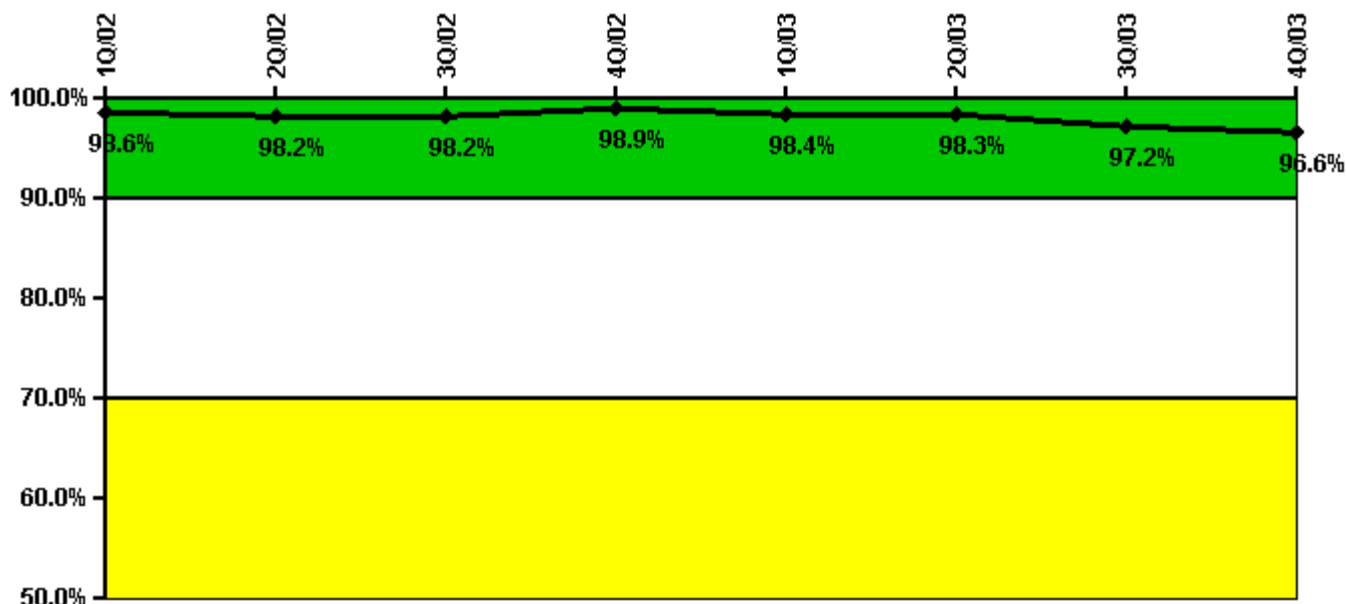
Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.360	0.430	0.380	0.370	0.370	0.200	0.220	0.190	0.200	0.290	0.430	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.6	4.3	3.8	3.7	3.7	2.0	2.2	1.9	2.0	2.9	4.3	2.2

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.210	0.190	0.180	0.190	0.200	0.300	0.210	0.310	0.420	0.180	7.478	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.9	1.8	1.9	2.0	3.0	2.1	3.1	4.2	1.8	74.8	0.3

Licensee Comments: none

Drill/Exercise Performance



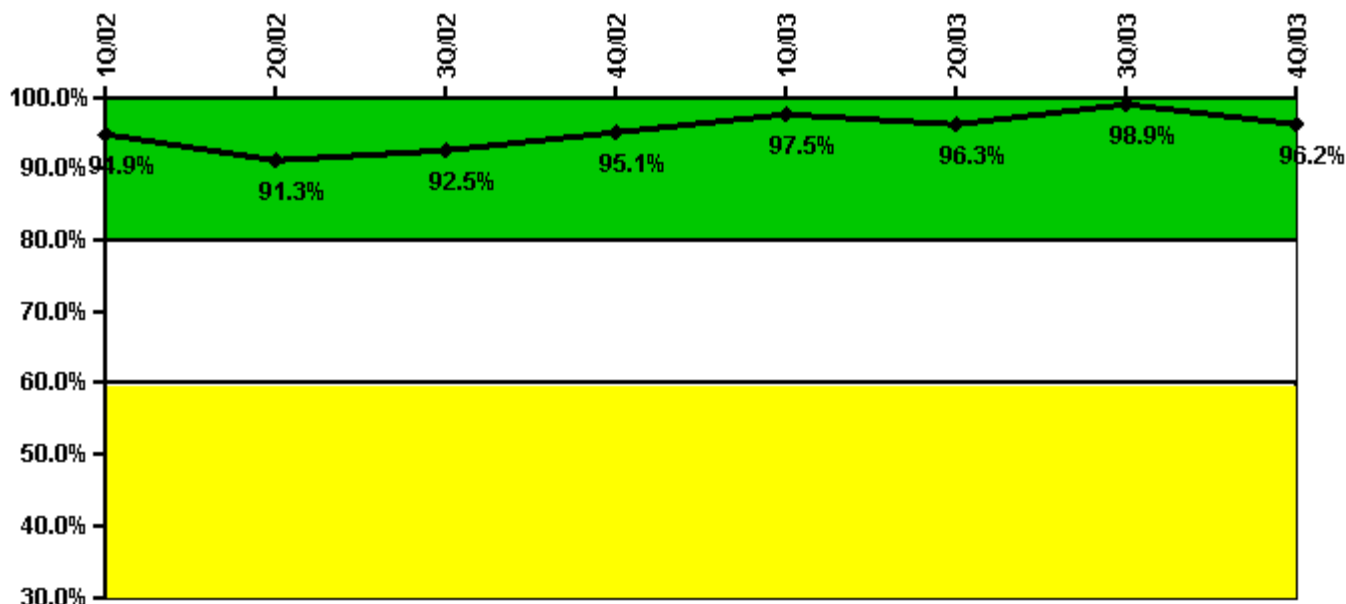
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	14.0	5.0	26.0	46.0	18.0	13.0	25.0	21.0
Total opportunities	14.0	5.0	26.0	47.0	19.0	13.0	27.0	23.0
Indicator value	98.6%	98.2%	98.2%	98.9%	98.4%	98.3%	97.2%	96.6%

Licensee Comments: none

ERO Drill Participation



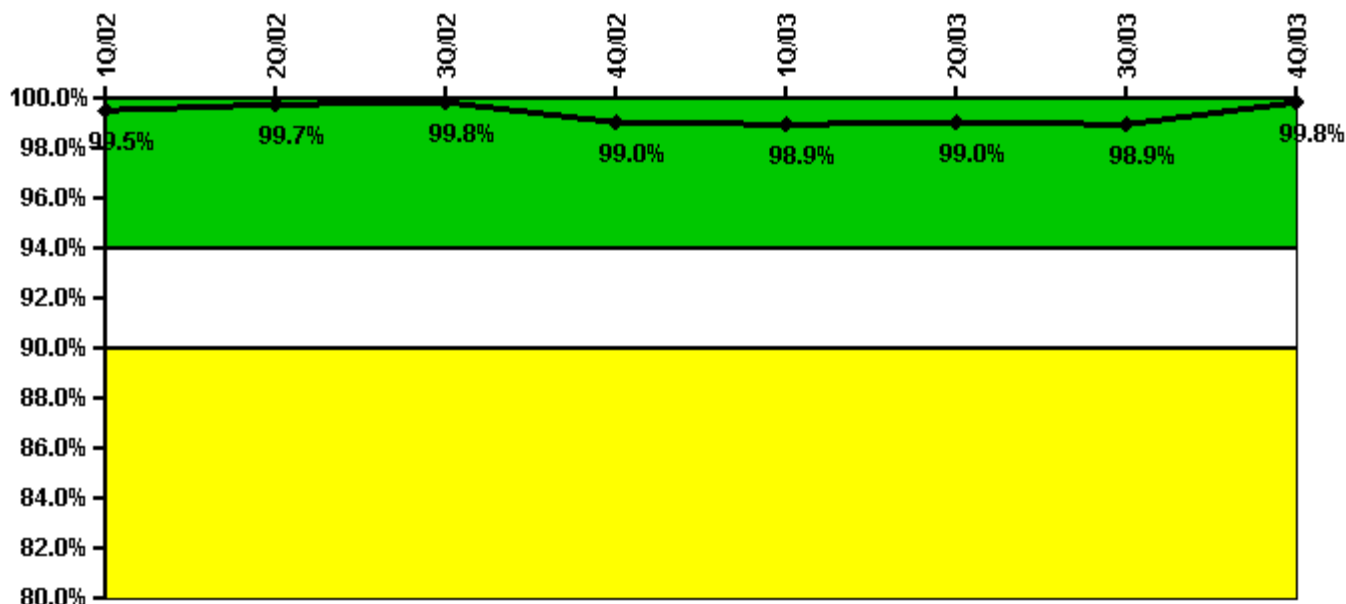
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	75.0	73.0	74.0	77.0	79.0	77.0	86.0	75.0
Total Key personnel	79.0	80.0	80.0	81.0	81.0	80.0	87.0	78.0
Indicator value	94.9%	91.3%	92.5%	95.1%	97.5%	96.3%	98.9%	96.2%

Licensee Comments: none

Alert & Notification System



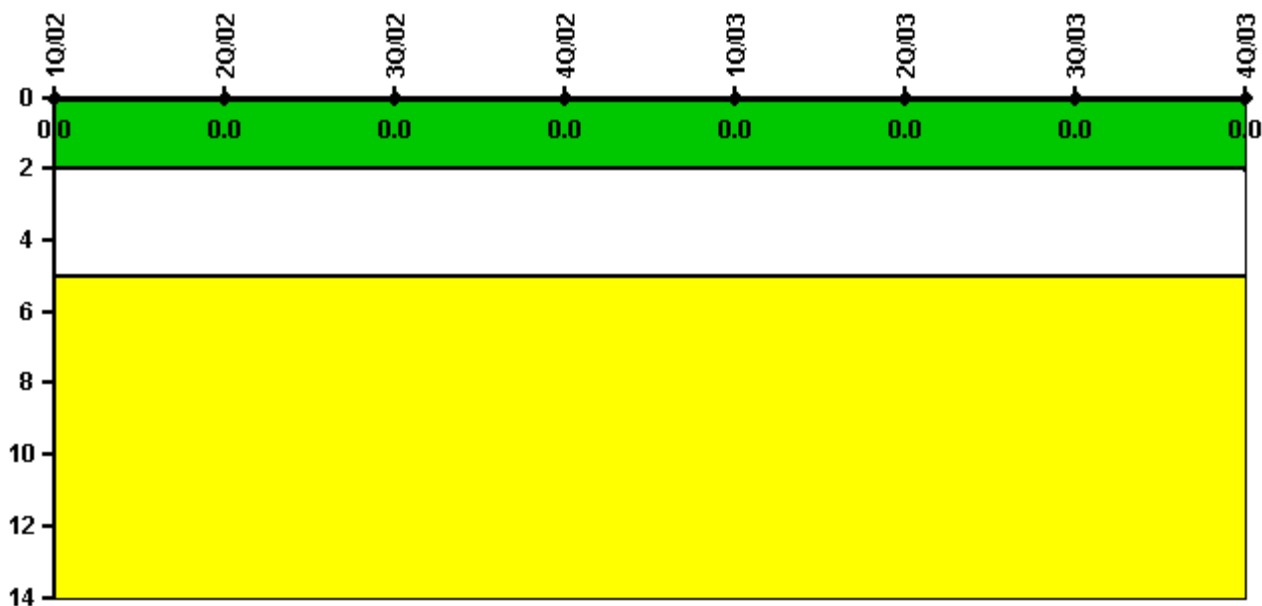
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	844	725	846	698	724	846	723	846
Total sirens-tests	847	726	847	726	726	847	726	847
Indicator value	99.5%	99.7%	99.8%	99.0%	98.9%	99.0%	98.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



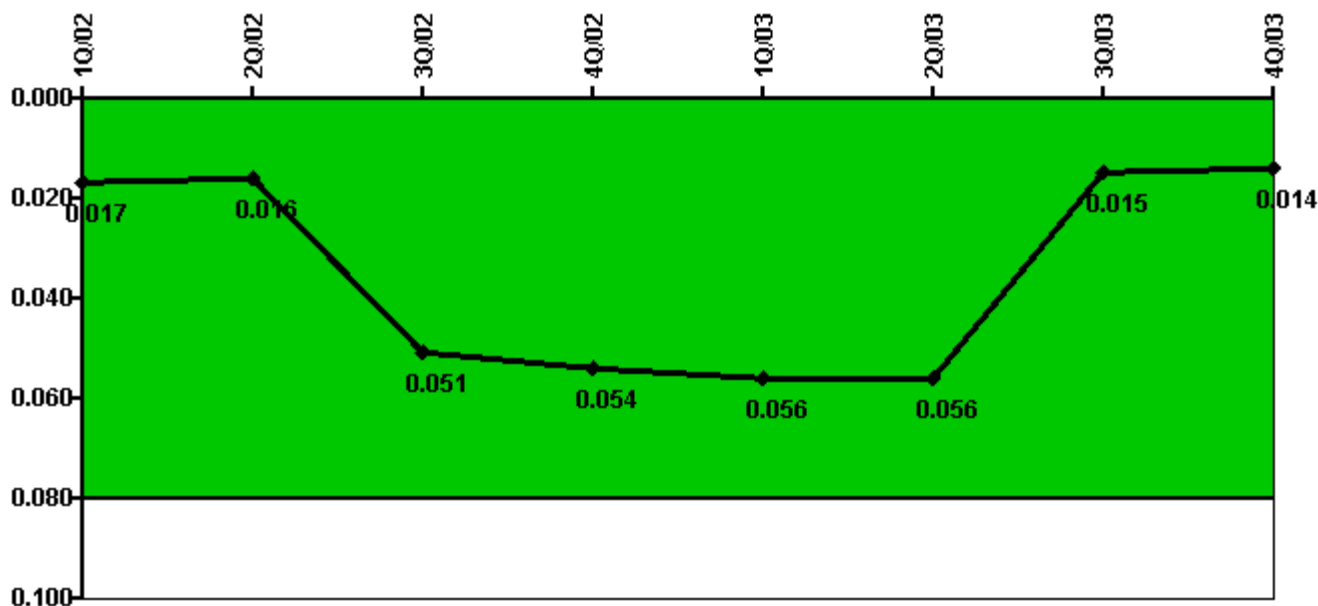
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



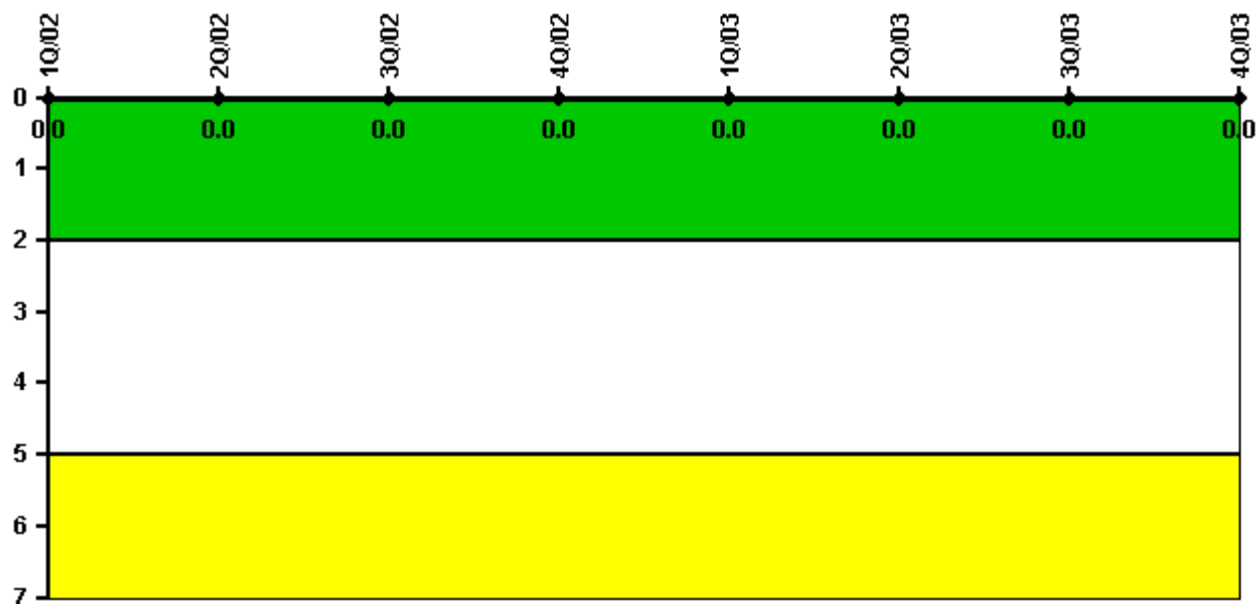
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	39.50	78.80	983.30	128.00	74.50	92.60	52.70	104.60
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.017	0.016	0.051	0.054	0.056	0.056	0.015	0.014

Licensee Comments: none

Personnel Screening Program



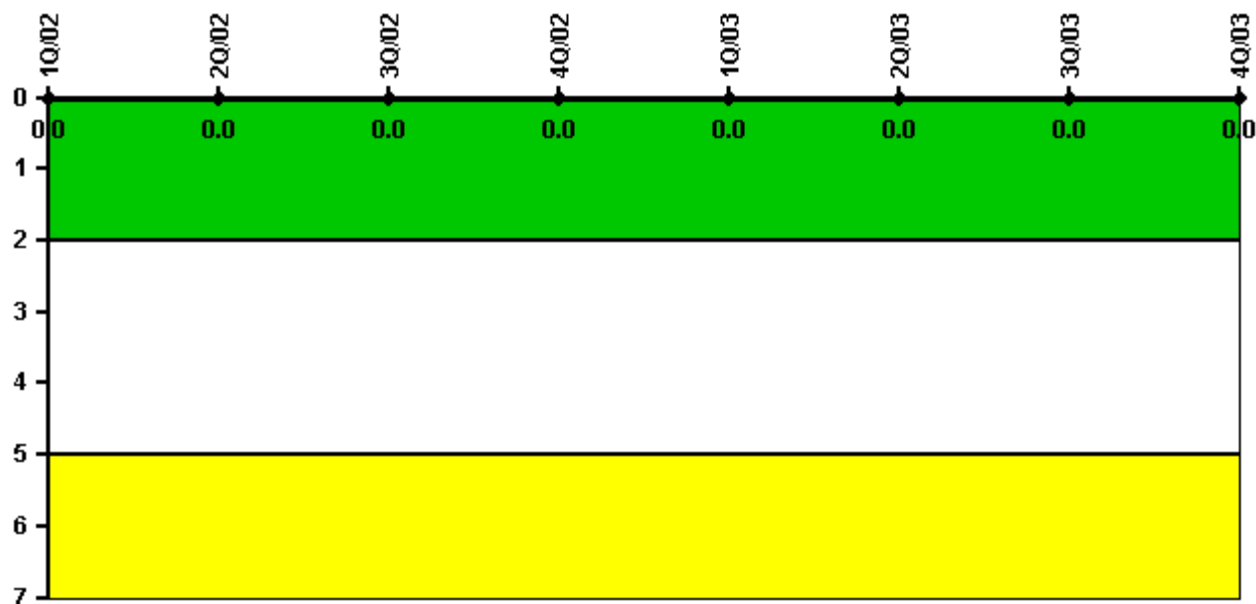
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

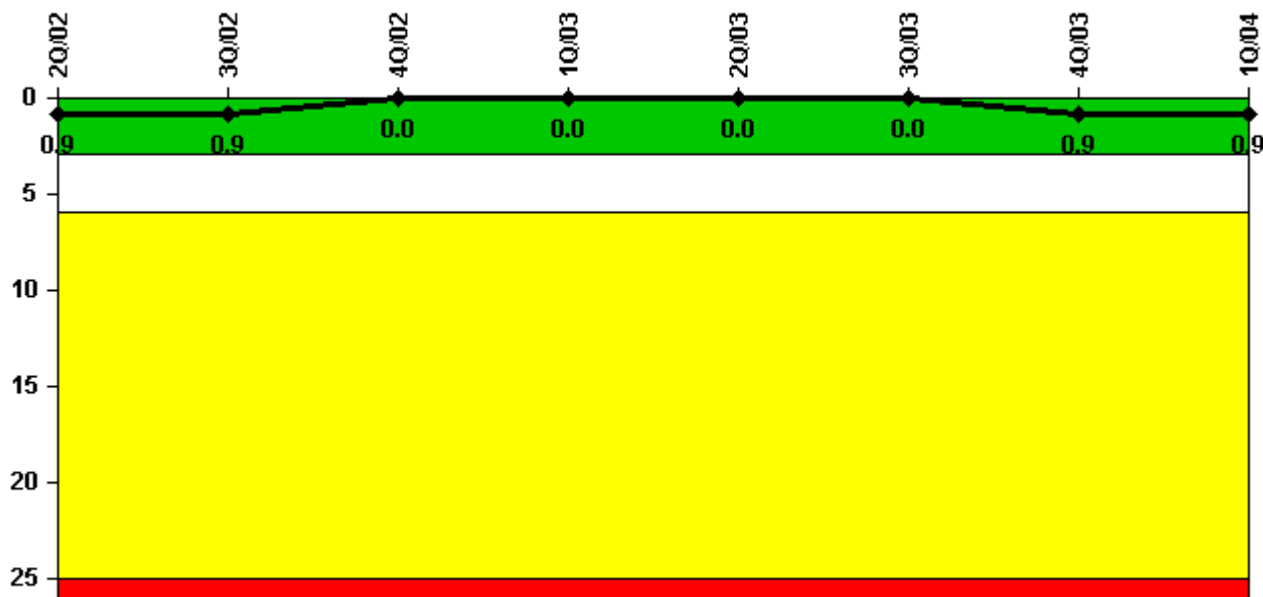
Last Modified: January 23, 2004

Seabrook 1

1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0
Indicator value	0.9	0.9	0	0	0	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



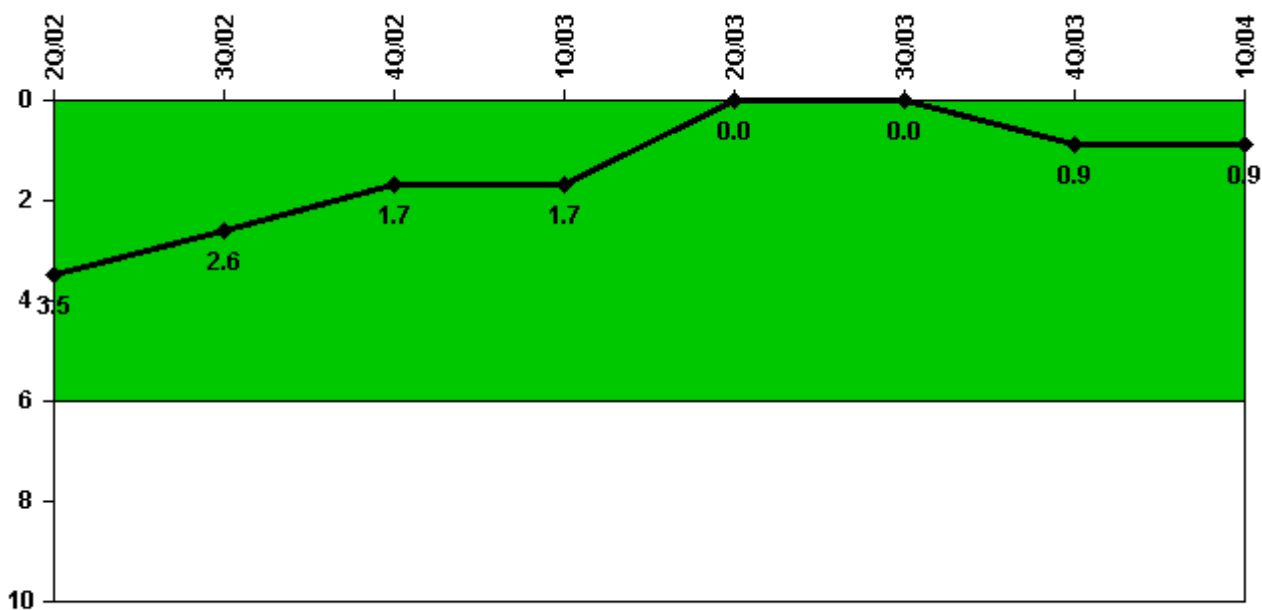
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



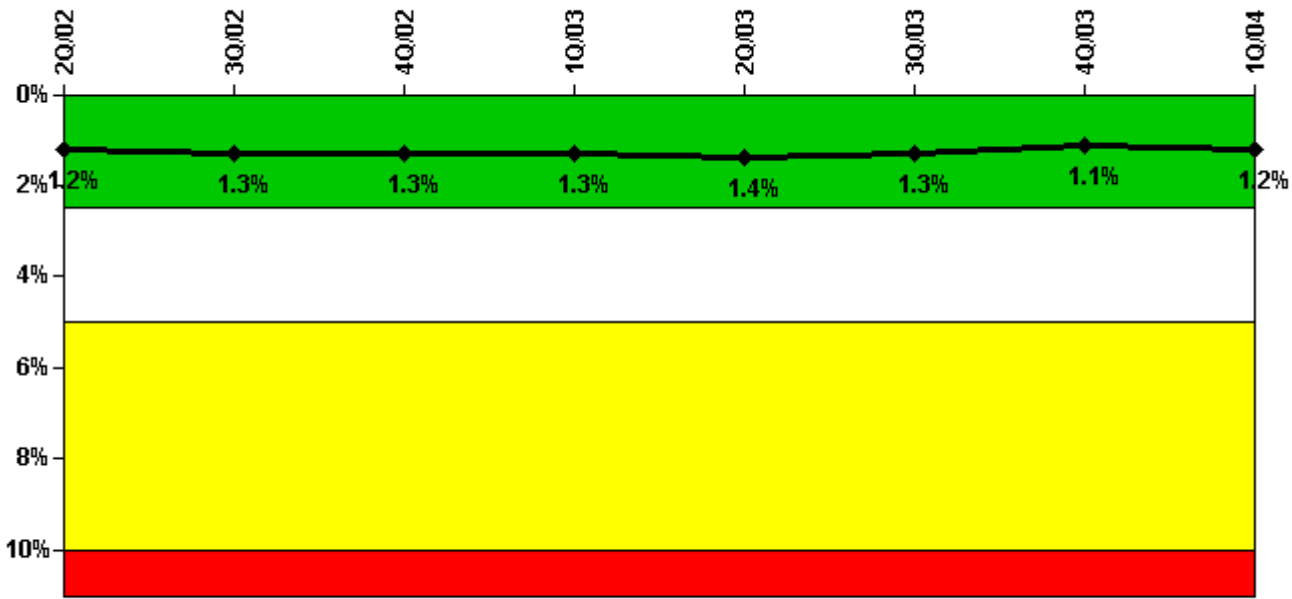
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	2.0	0	0	0	0	0	1.0	0
Critical hours	1553.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0
Indicator value	3.5	2.6	1.7	1.7	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



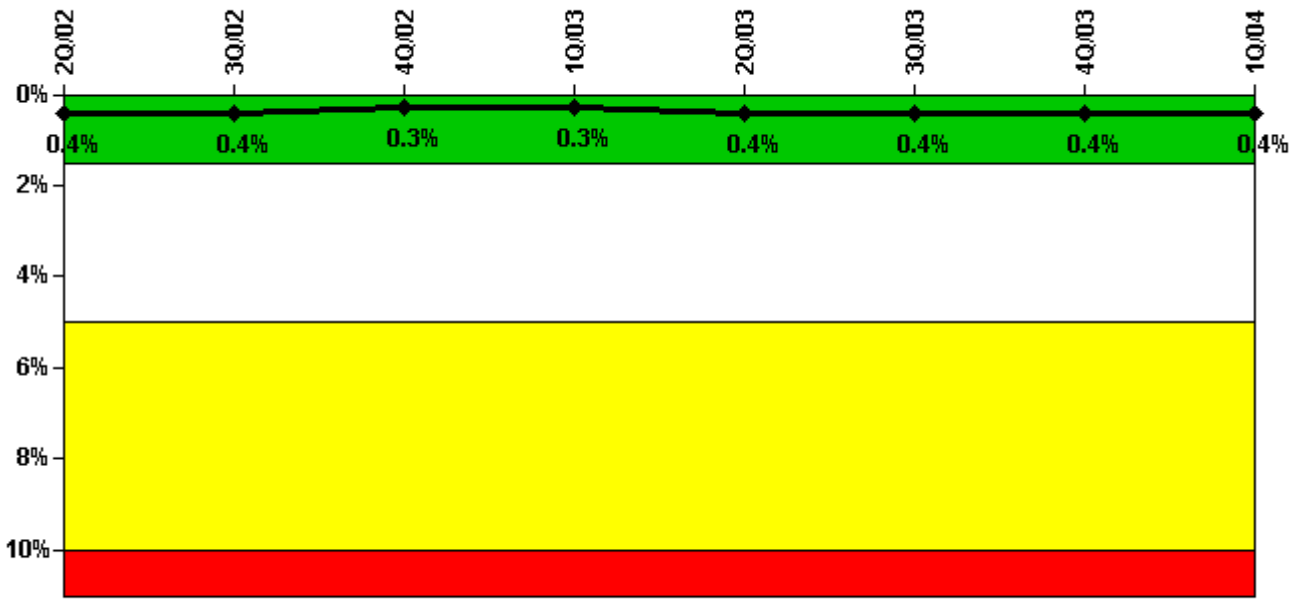
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	14.59	17.57	24.06	0.43	34.11	1.38	1.67	3.28
Unplanned unavailable hours	8.51	16.32	0	0	36.17	0	13.55	17.03
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00
Train 2								
Planned unavailable hours	3.45	5.65	20.01	14.73	0	23.68	0.83	27.10
Unplanned unavailable hours	0.83	82.35	10.61	0	0	7.87	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1869.20	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00
Indicator value	1.2%	1.3%	1.3%	1.3%	1.4%	1.3%	1.1%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



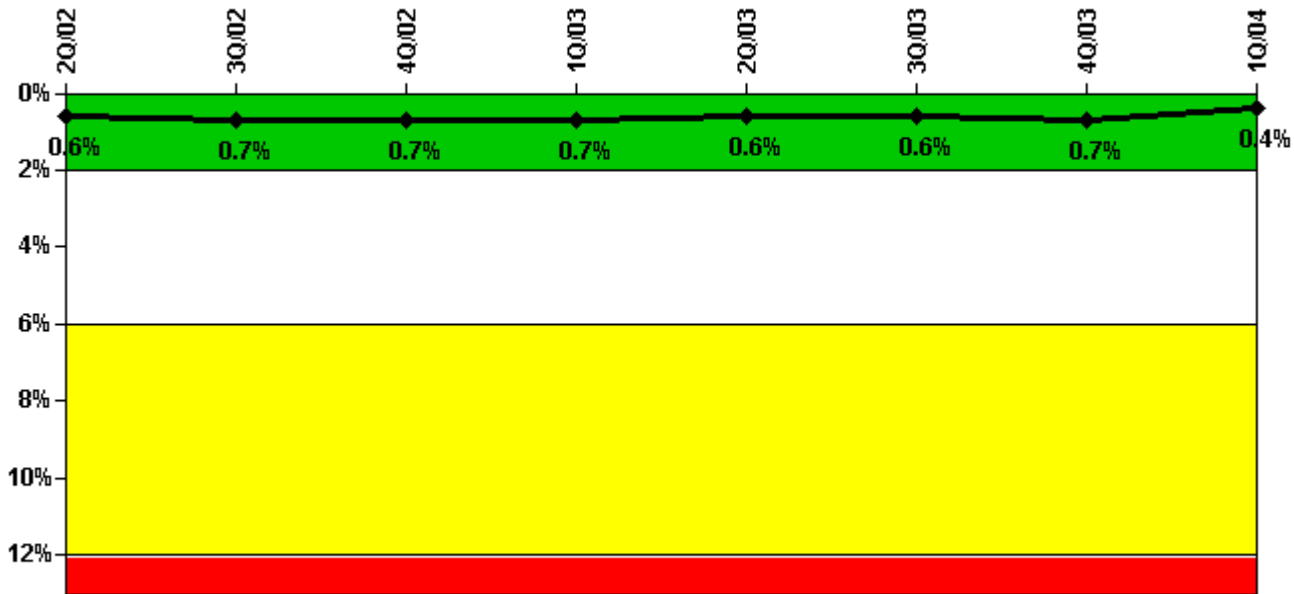
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	1.52	1.62	21.75	10.08	1.25	24.56	1.47	16.82
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50	2184.00
Train 2								
Planned unavailable hours	2.80	1.32	0	1.12	35.40	2.20	1.72	10.95
Unplanned unavailable hours	0	0	0	0	14.13	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1617.80	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50	2184.00
Train 3								
Planned unavailable hours	18.20	1.80	0	0.82	3.47	2.23	0.57	3.77
Unplanned unavailable hours	0	0	0	0	8.62	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00
Train 4								
Planned unavailable hours	21.14	12.45	1.17	16.62	0.82	21.62	0.53	2.55
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



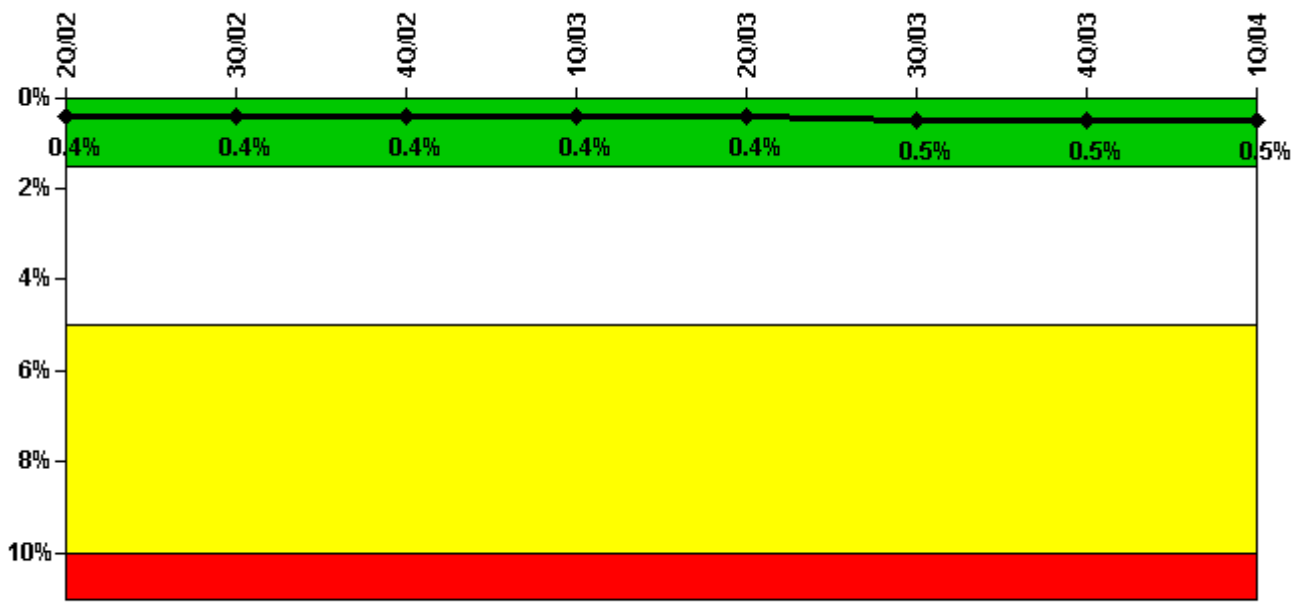
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	18.68	8.66	3.82	5.93	3.22	3.21	5.49	3.55
Unplanned unavailable hours	12.46	0	0	0	0	0	14.78	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00
Train 2								
Planned unavailable hours	14.57	0	0	1.12	3.05	0	2.95	0
Unplanned unavailable hours	0.48	0	0.23	0	0	0	11.61	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1608.70	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00
Indicator value	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%	0.7%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



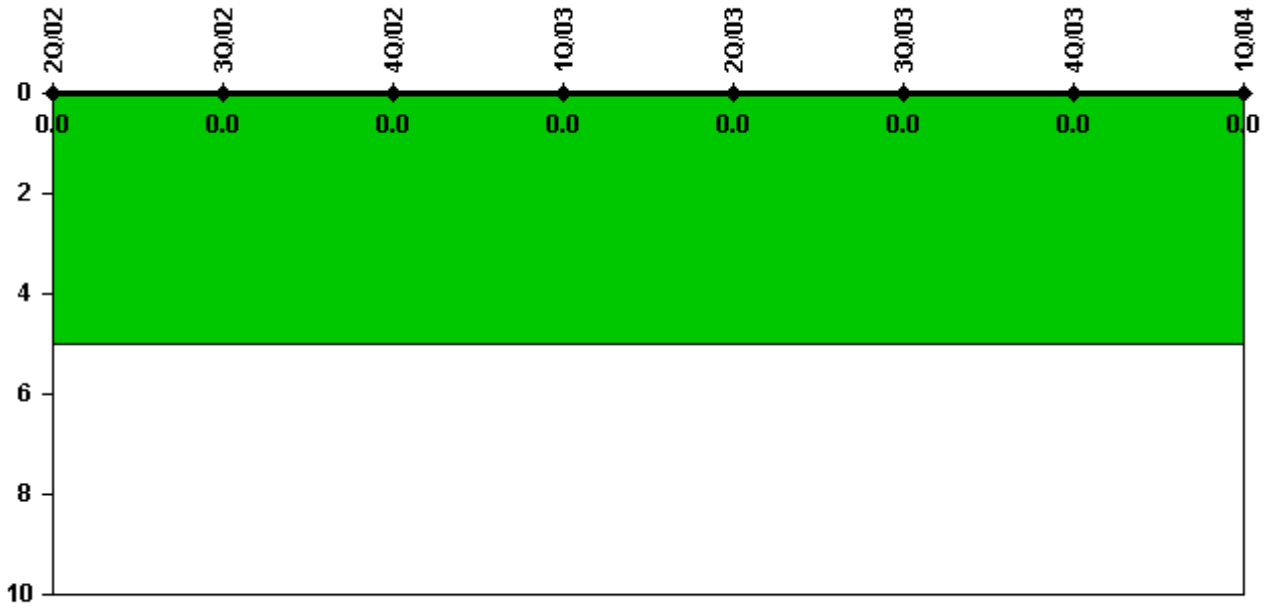
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	15.69	19.59	5.08	9.17	25.49	26.37	4.03	3.34
Unplanned unavailable hours	0	0	0	0	0.08	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00
Train 2								
Planned unavailable hours	14.12	14.39	3.20	0.80	5.75	23.07	0.13	23.28
Unplanned unavailable hours	0	0	0	0.03	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.00	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



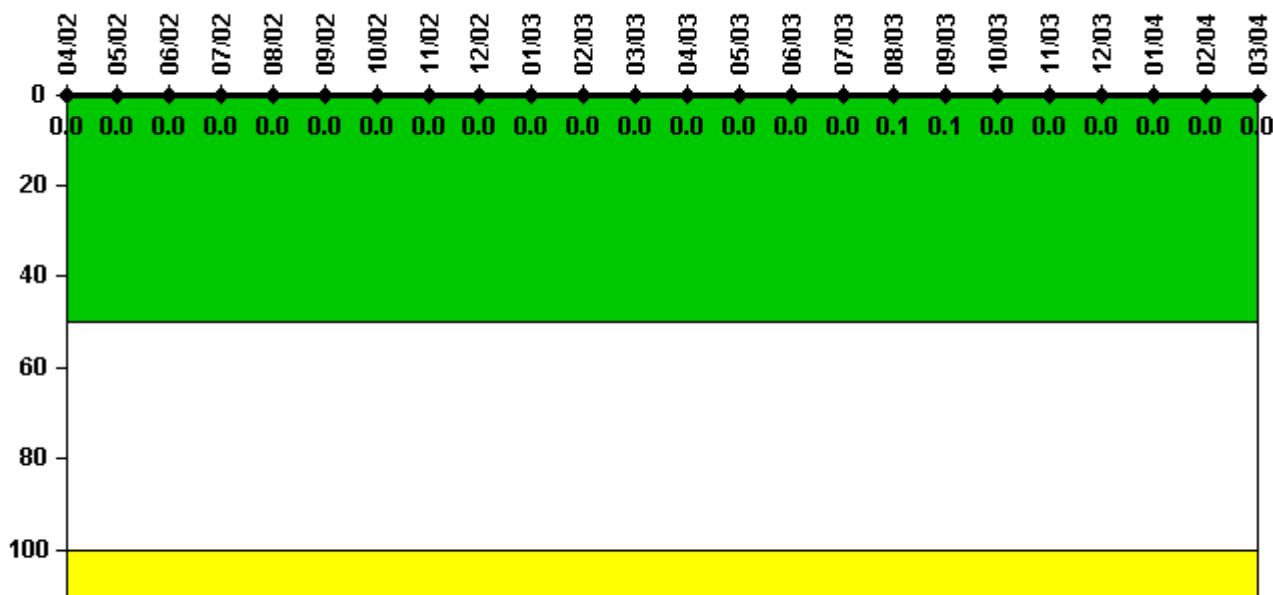
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

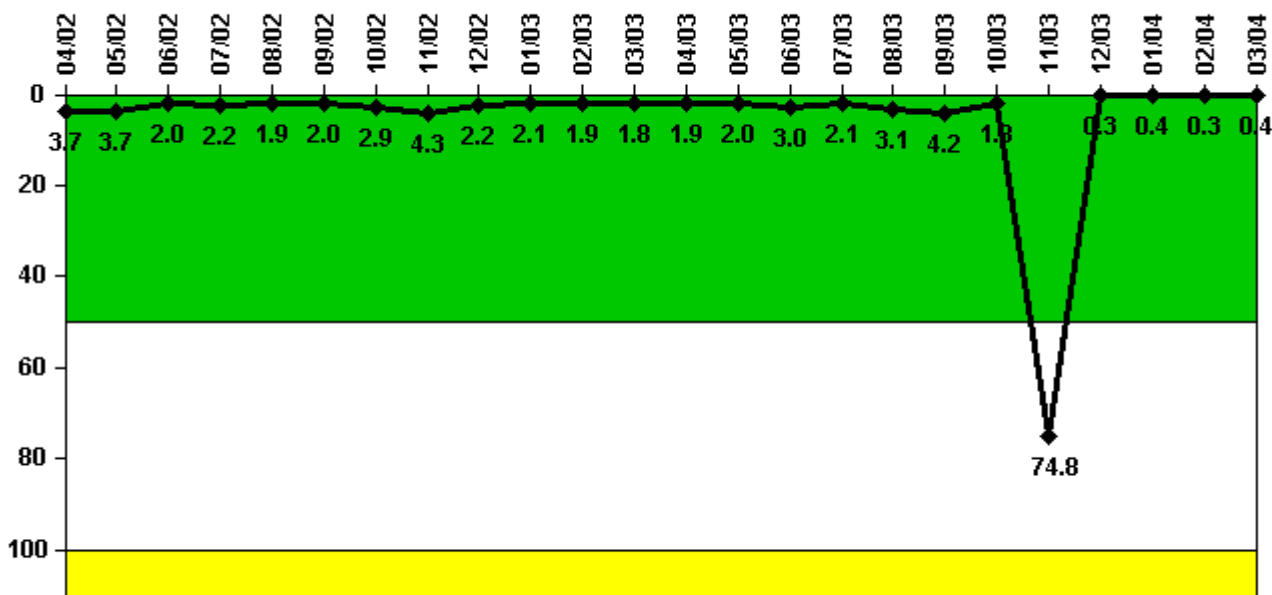
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.000448	0	0.000142	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903	0	0.000103	0.000126	0.000140	0.000134	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

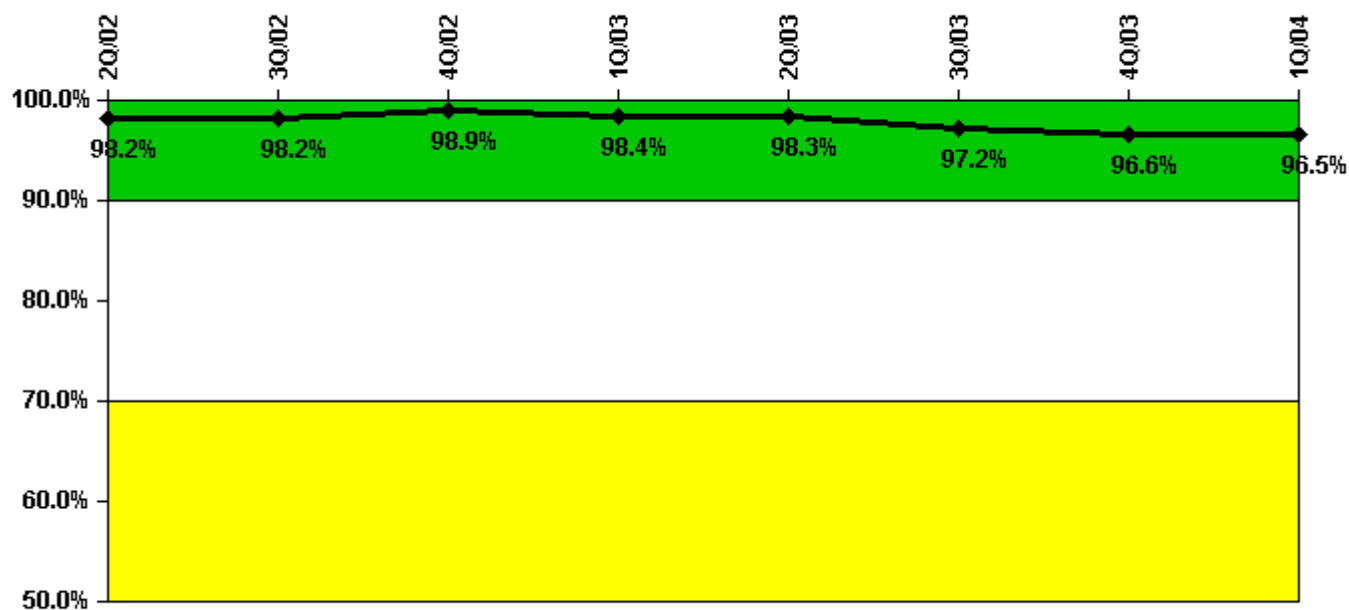
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.370	0.370	0.200	0.220	0.190	0.200	0.290	0.430	0.220	0.210	0.190	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.7	3.7	2.0	2.2	1.9	2.0	2.9	4.3	2.2	2.1	1.9	1.8

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.190	0.200	0.300	0.210	0.310	0.420	0.180	7.478	0.030	0.040	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.9	2.0	3.0	2.1	3.1	4.2	1.8	74.8	0.3	0.4	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



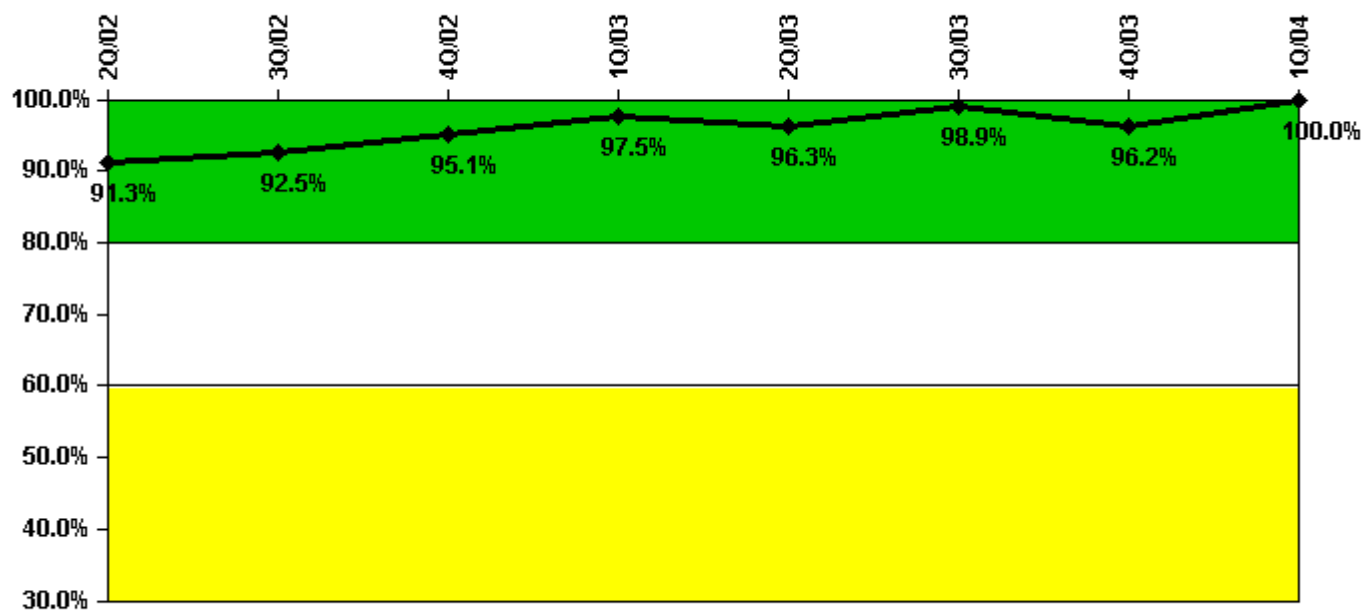
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	5.0	26.0	46.0	18.0	13.0	25.0	21.0	13.0
Total opportunities	5.0	26.0	47.0	19.0	13.0	27.0	23.0	13.0
Indicator value	98.2%	98.2%	98.9%	98.4%	98.3%	97.2%	96.6%	96.5%

Licensee Comments: none

ERO Drill Participation



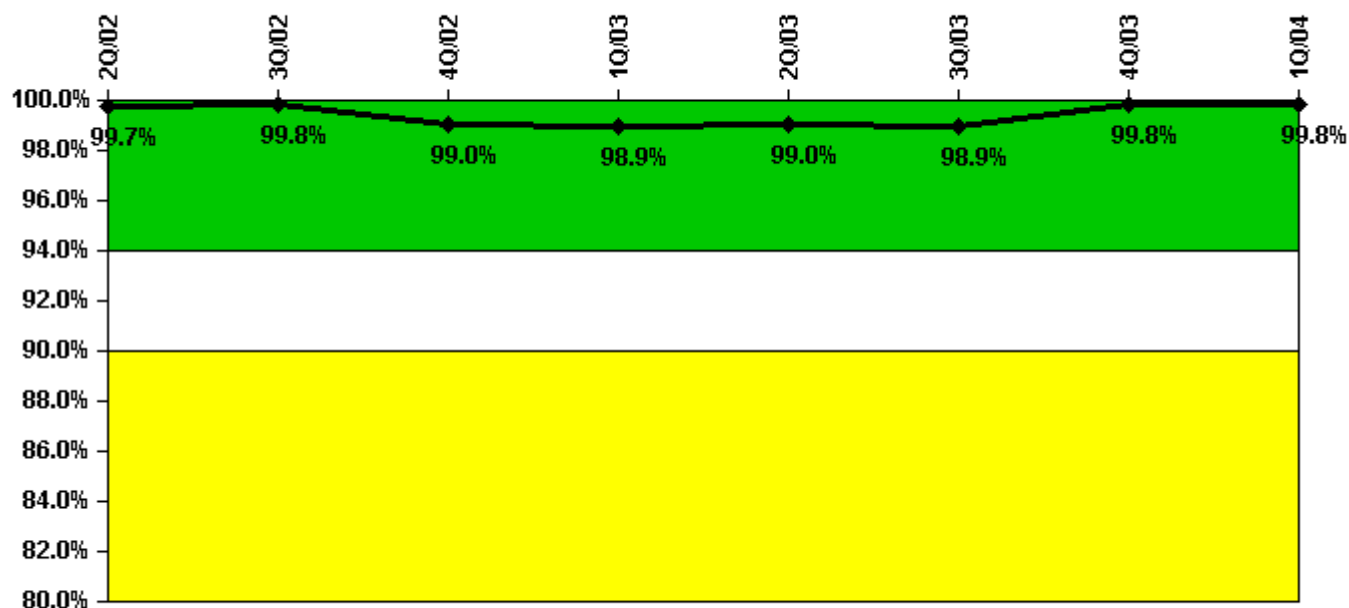
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	73.0	74.0	77.0	79.0	77.0	86.0	75.0	82.0
Total Key personnel	80.0	80.0	81.0	81.0	80.0	87.0	78.0	82.0
Indicator value	91.3%	92.5%	95.1%	97.5%	96.3%	98.9%	96.2%	100.0%

Licensee Comments: none

Alert & Notification System



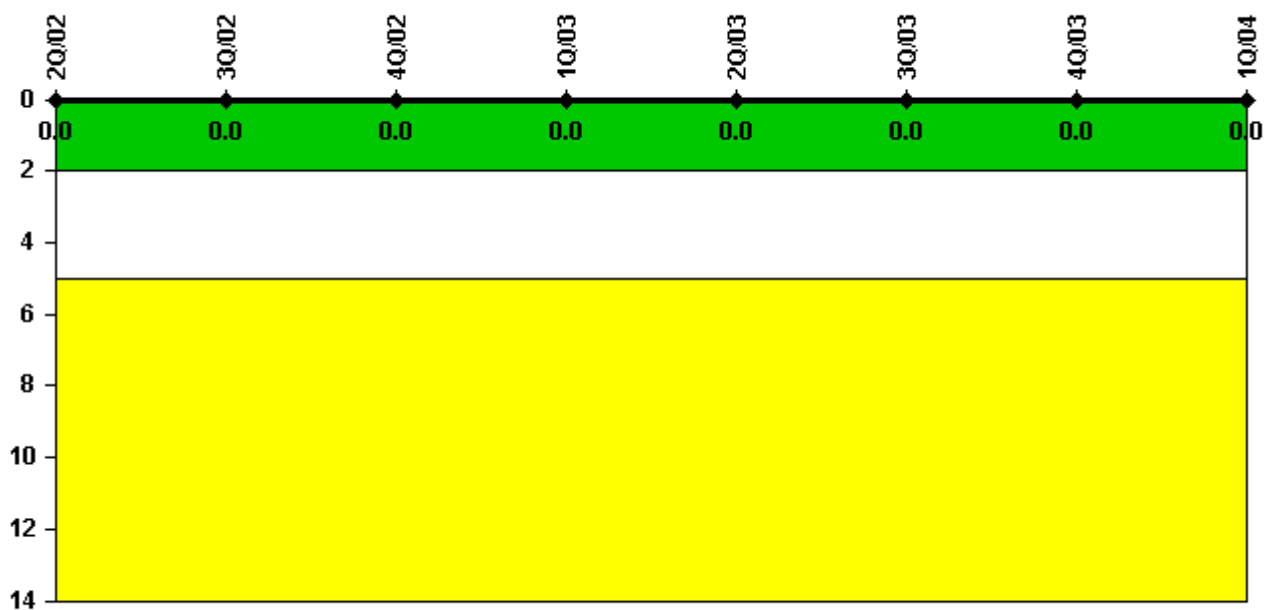
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	725	846	698	724	846	723	846	725
Total sirens-tests	726	847	726	726	847	726	847	726
Indicator value	99.7%	99.8%	99.0%	98.9%	99.0%	98.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



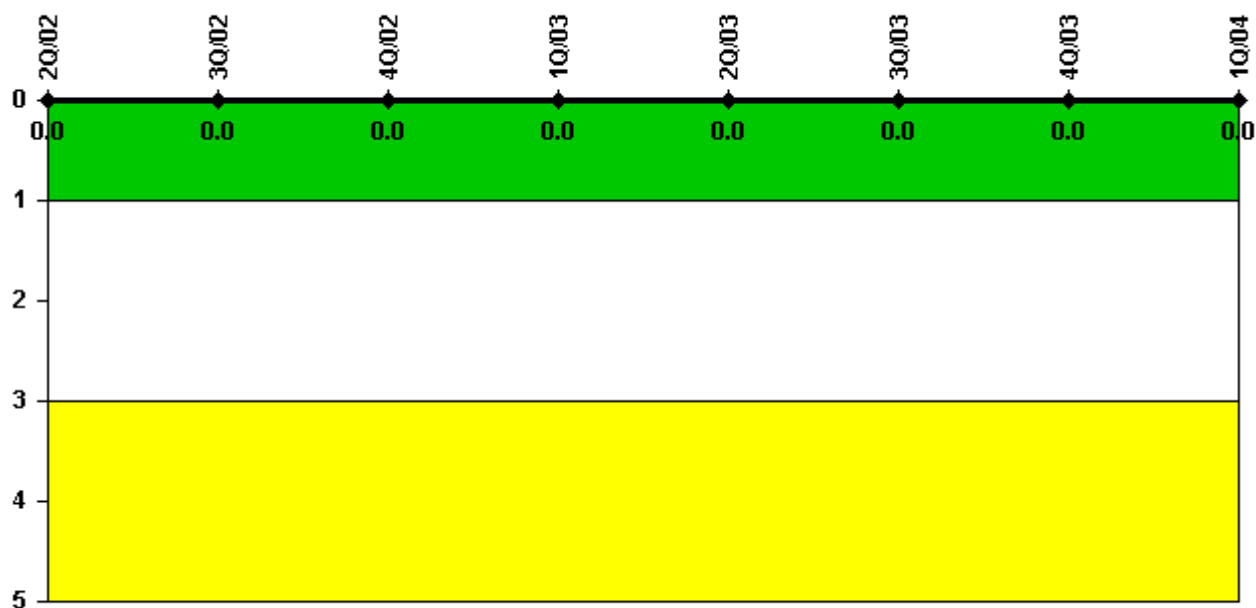
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



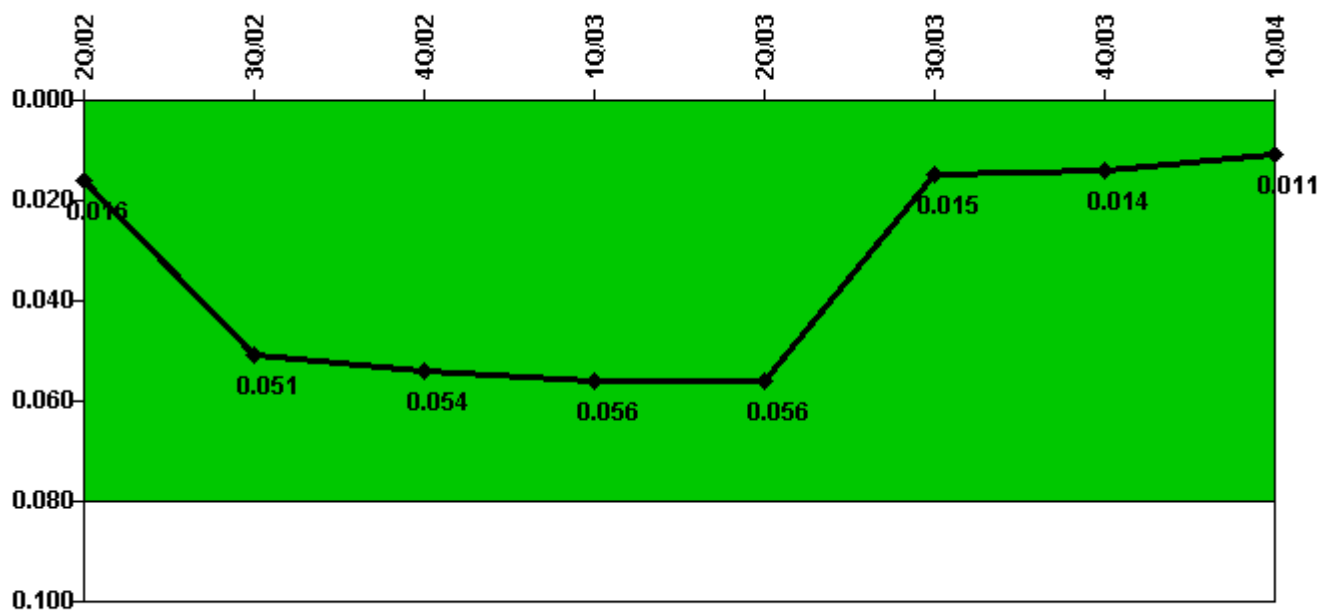
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



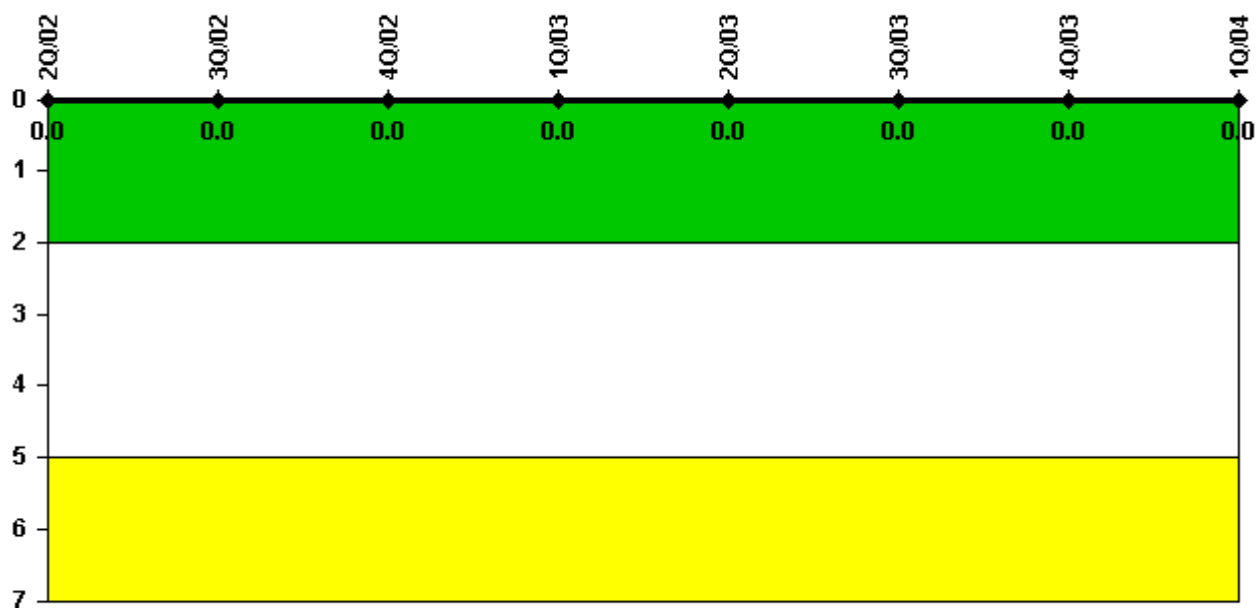
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	78.80	983.30	128.00	74.50	92.60	52.70	104.60	4.50
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.016	0.051	0.054	0.056	0.056	0.015	0.014	0.011

Licensee Comments: none

Personnel Screening Program



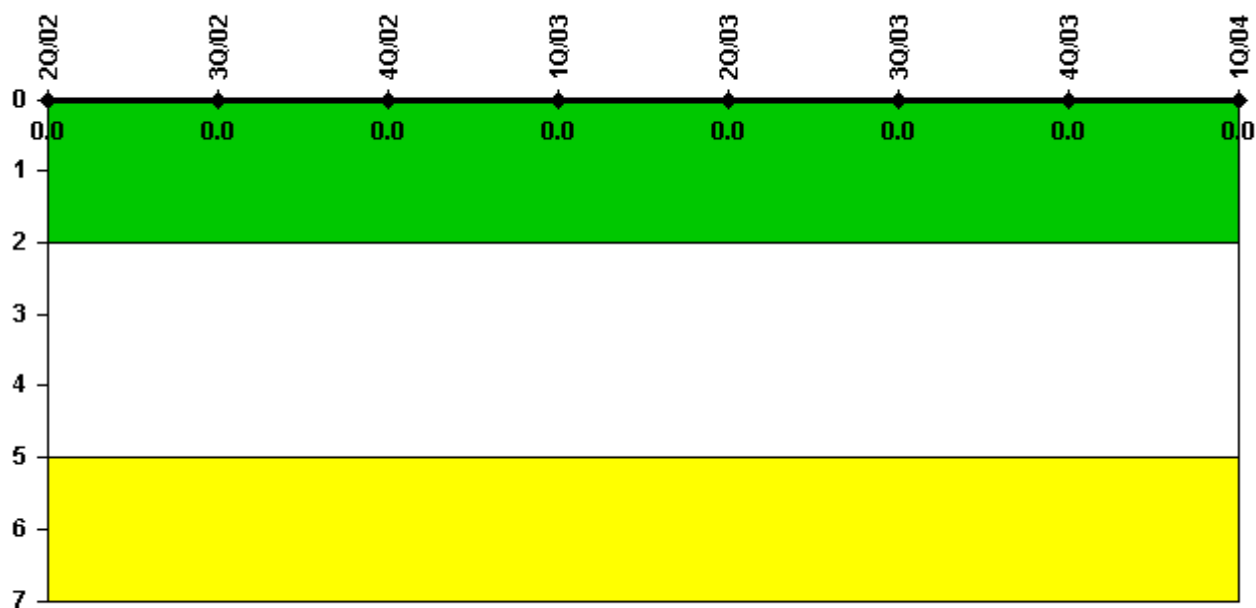
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

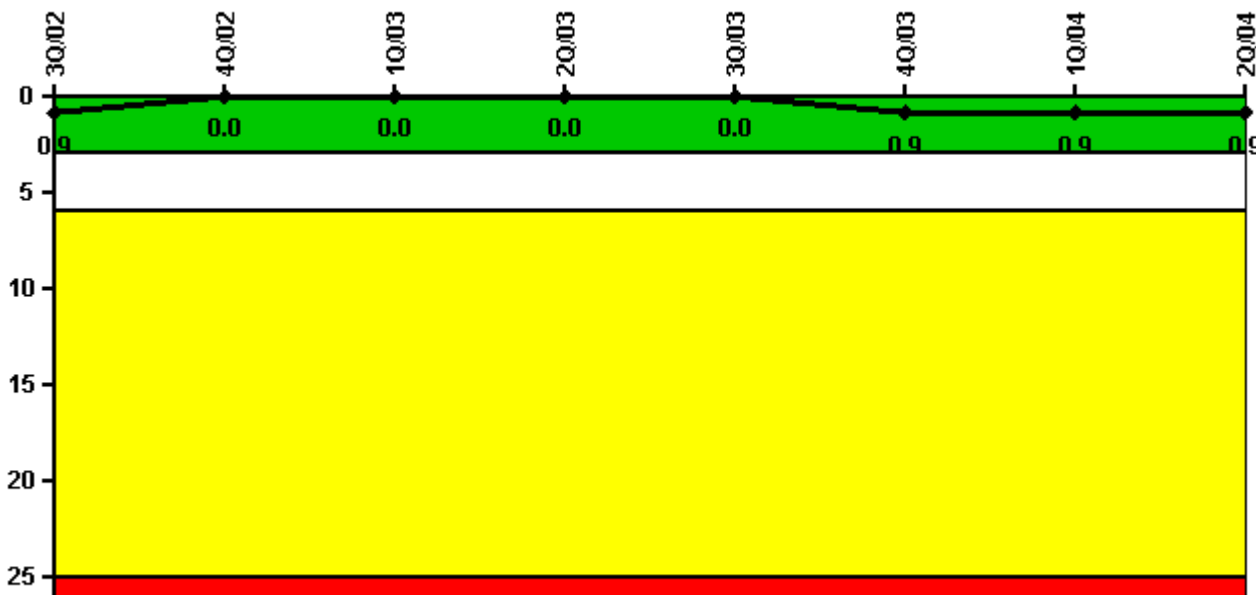
Last Modified: April 22, 2004

Seabrook 1

2Q/2004 Performance Indicators

Licensee's General Comments: 10/27/03 power change due to turbine rotor balancing was not reported as an unplanned power change with the 4th quarter 2003 submittal.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0
Indicator value	0.9	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



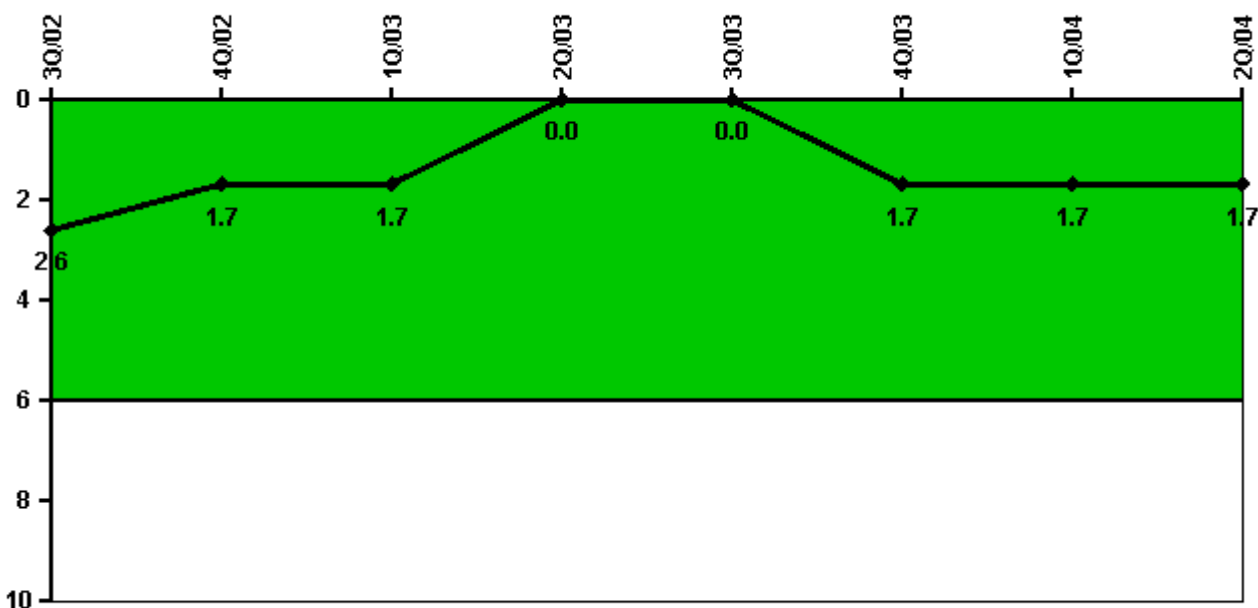
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



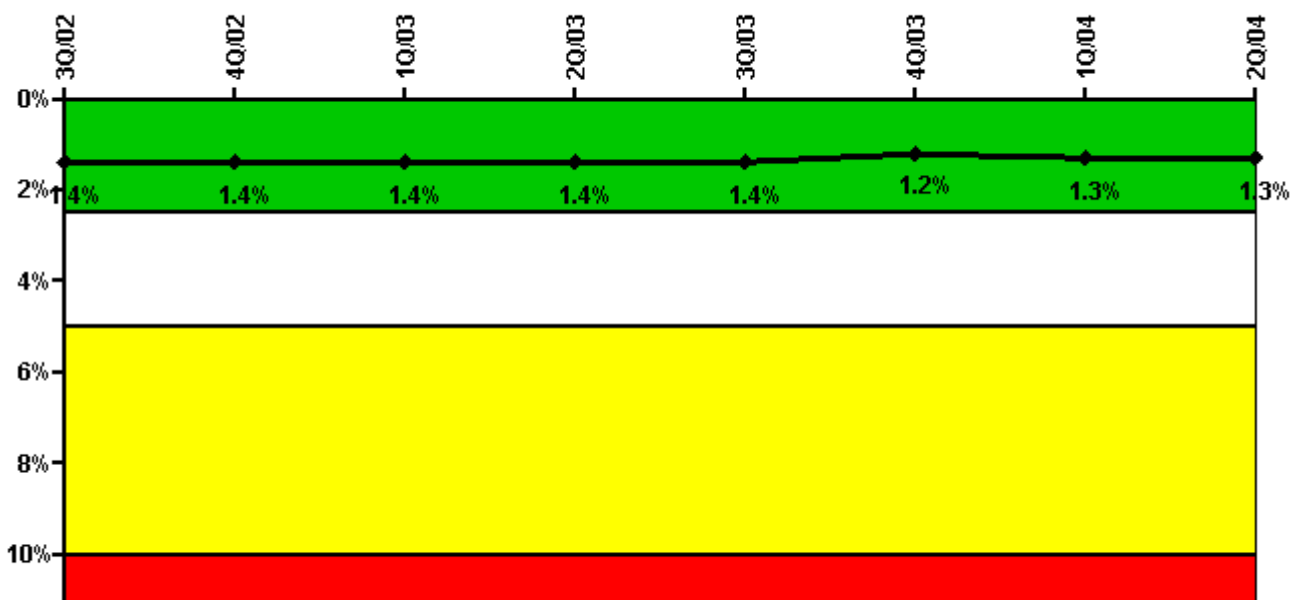
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	0	0	2.0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0
Indicator value	2.6	1.7	1.7	0	0	1.7	1.7	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

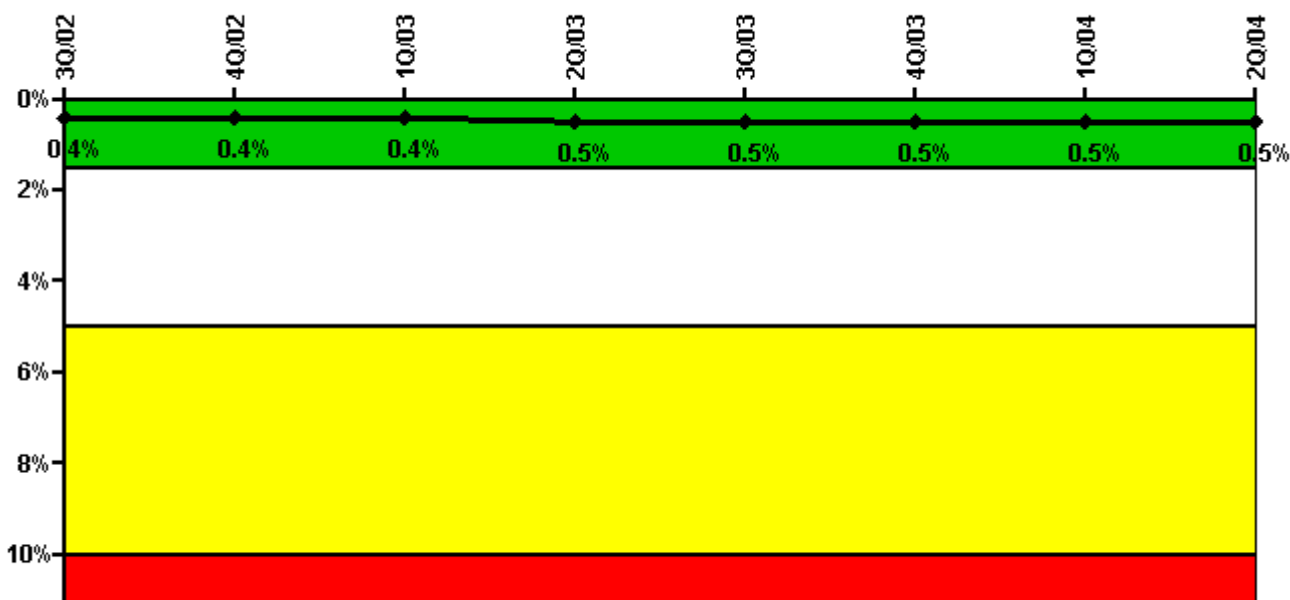
Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	19.02	21.65	3.53	36.33	4.50	3.43	6.48	31.42
Unplanned unavailable hours	16.32	5.32	0	35.47	0	13.55	17.03	18.28
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00
Train 2								
Planned unavailable hours	8.80	31.95	17.93	3.17	25.30	1.98	29.32	10.19
Unplanned unavailable hours	82.35	0	0	0	7.87	0	0	4.98
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00
Indicator value	1.4%	1.4%	1.4%	1.4%	1.4%	1.2%	1.3%	1.3%

Licensee Comments:

4Q/01: EDG"B" declared INOP for 5.3 hrs on 10/18/2001 to investigate and repair overheating electrical connectors (unplanned unavailability).

3Q/01: DG lubeoil spill resulted in 27.2 unplanned unavailible hours; cause is still under investigation.

Safety System Unavailability, High Pressure Injection System (HPSI)

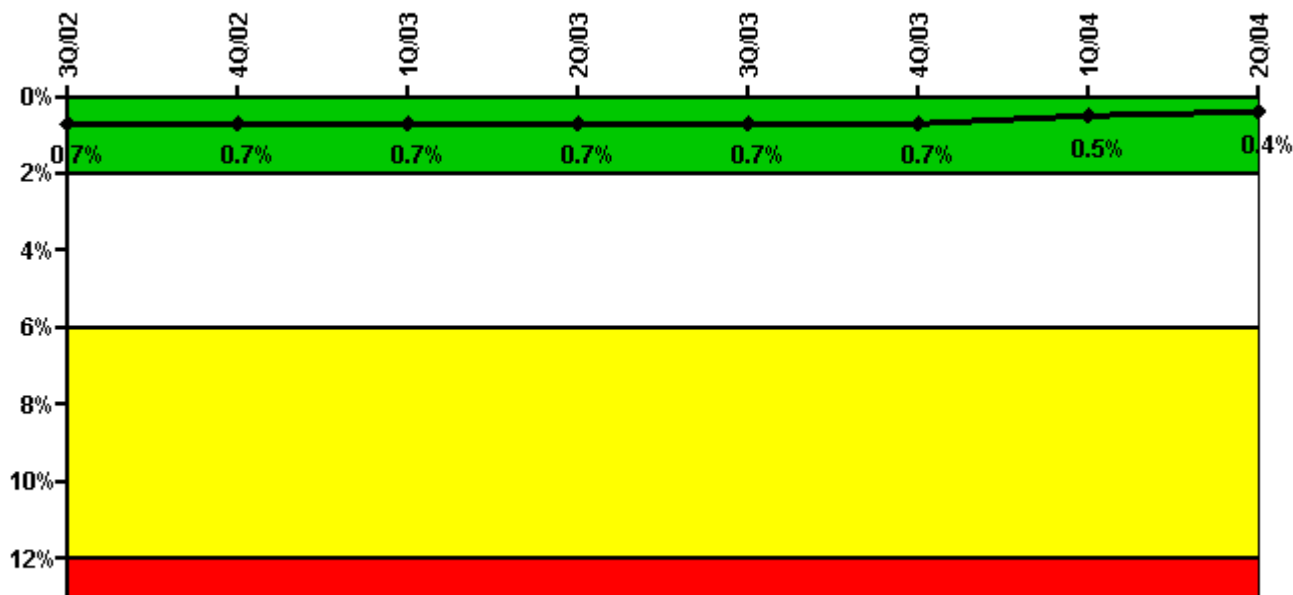


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	3.07	22.70	13.18	2.77	27.68	2.74	20.02	4.03
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50	2184.00	2183.00
Train 2								
Planned unavailable hours	4.47	3.30	4.32	38.57	3.82	2.87	13.17	15.69
Unplanned unavailable hours	0	0	0	14.13	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1740.50	2184.00	2183.00
Train 3								
Planned unavailable hours	3.25	3.90	19.54	13.61	5.35	1.84	6.97	3.63
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00
Train 4								
Planned unavailable hours	15.60	2.50	4.20	3.99	23.24	1.68	4.77	13.92
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

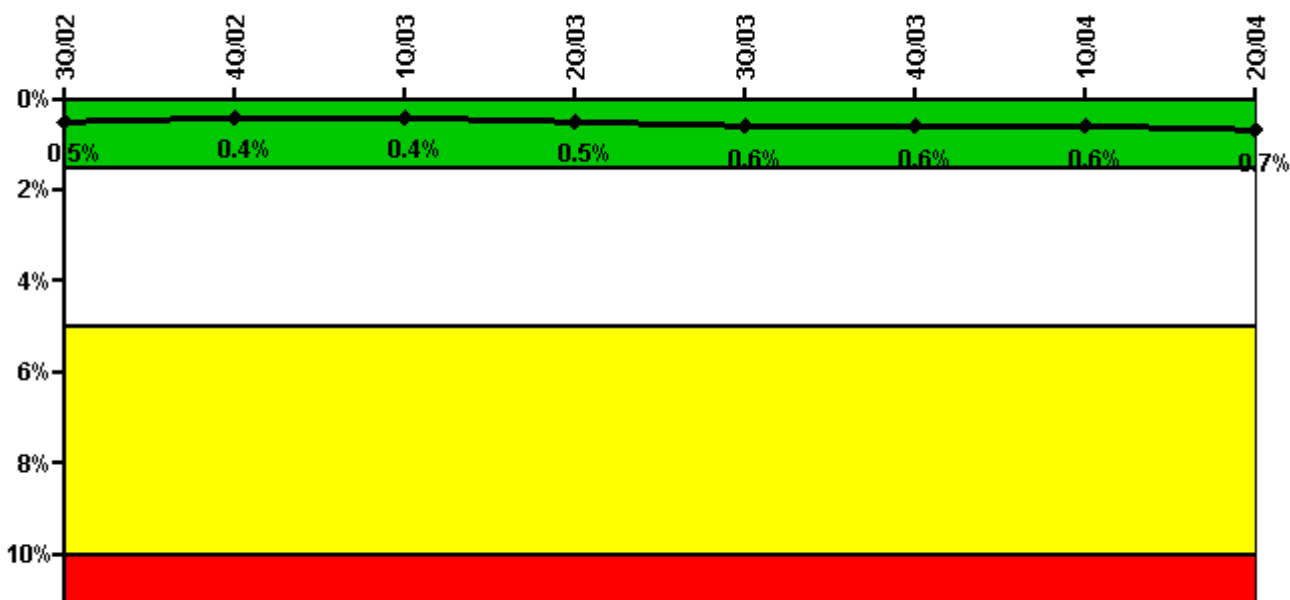
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	8.66	3.82	5.93	3.22	3.21	5.49	3.56	13.08
Unplanned unavailable hours	0	0	0	0	0	14.78	0	8.03
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00
Train 2								
Planned unavailable hours	3.15	1.33	4.32	6.22	1.62	4.10	2.22	1.60
Unplanned unavailable hours	0	0.23	0	0	0	11.61	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.5%	0.4%

Licensee Comments:

4Q/02: There were 3.90 hours of T/2 Fault Exposure hours associated with EFW Train "B".

Safety System Unavailability, Residual Heat Removal System



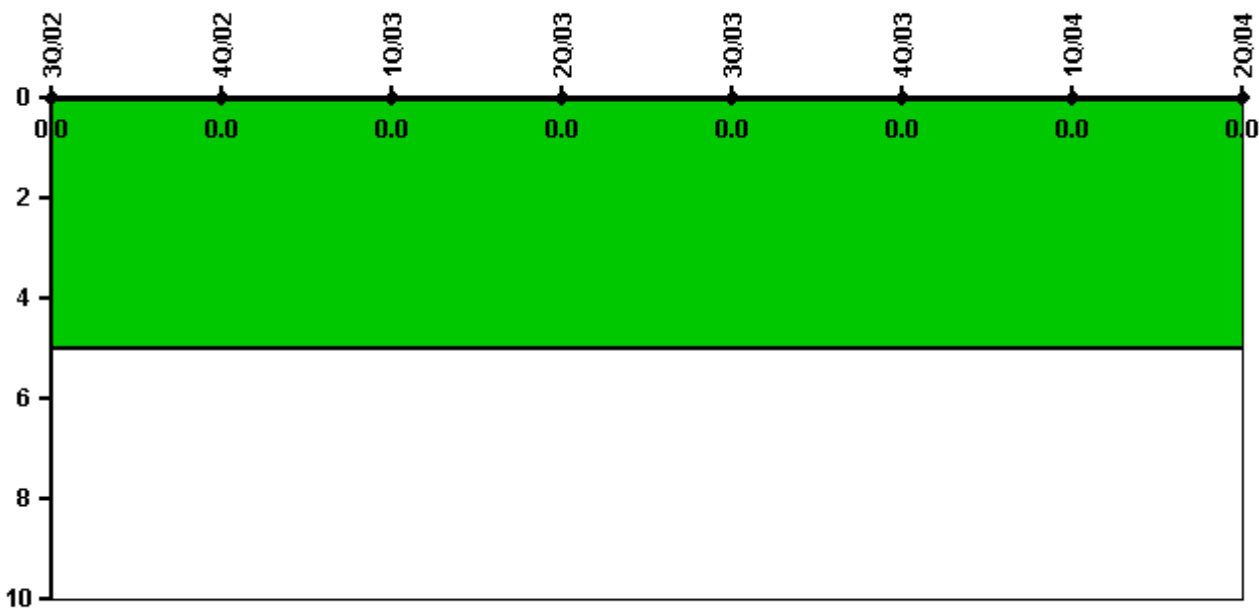
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	21.04	8.00	12.27	26.91	29.49	5.30	6.54	40.93
Unplanned unavailable hours	0	0	0	0.08	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00
Train 2								
Planned unavailable hours	17.54	4.53	4.00	9.02	24.69	1.28	25.50	20.39
Unplanned unavailable hours	0	0	0.03	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00
Indicator value	0.5%	0.4%	0.4%	0.5%	0.6%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



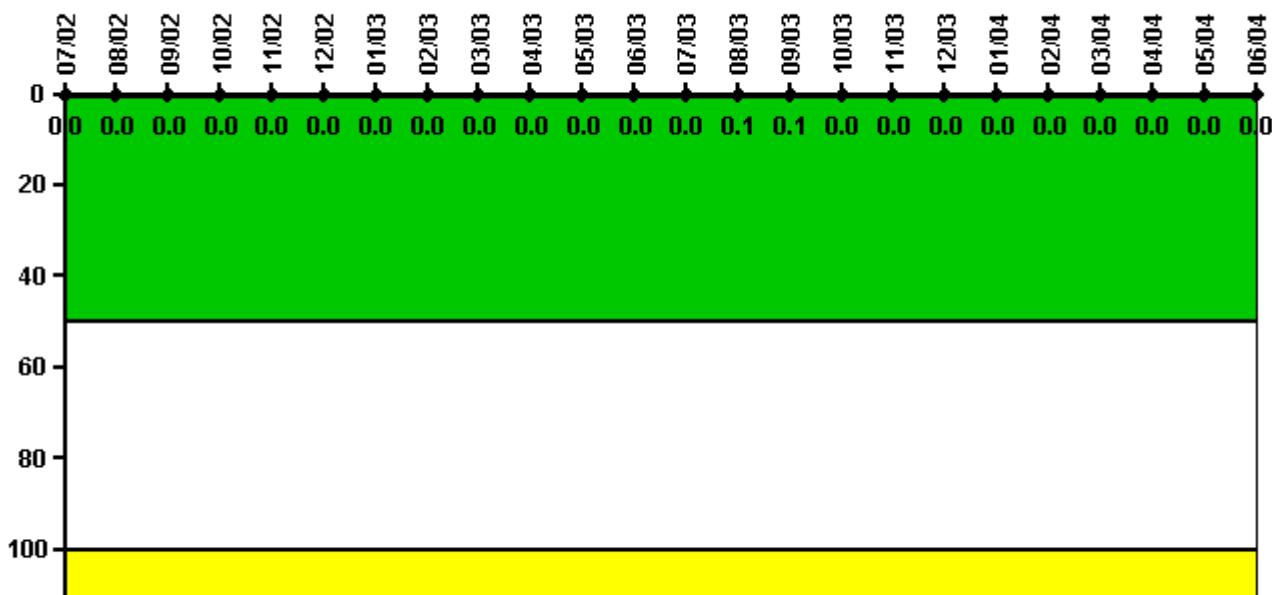
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



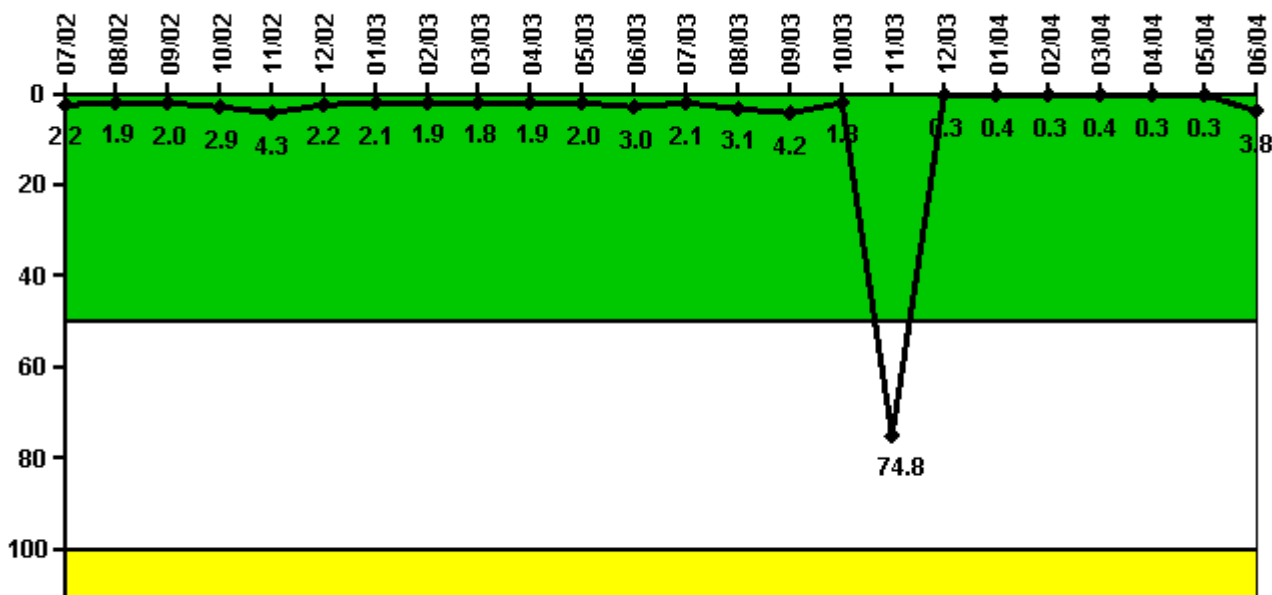
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000165	0.000164	0.000177	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000238	0.000596	0.000903	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



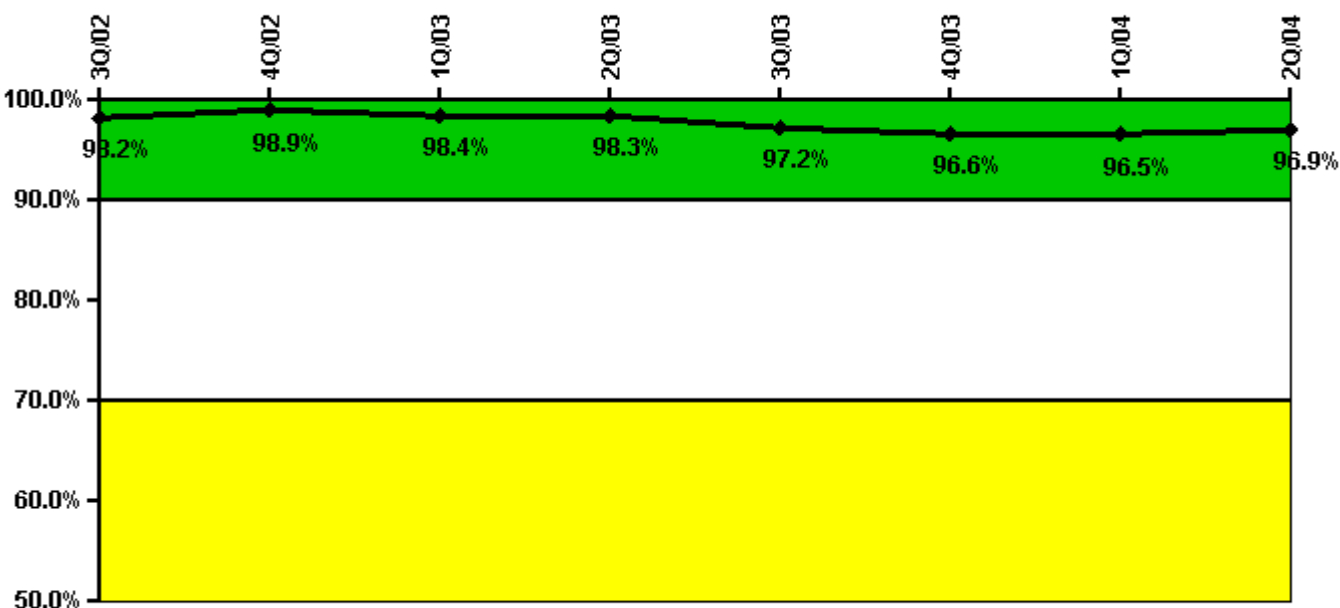
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.220	0.190	0.200	0.290	0.430	0.220	0.210	0.190	0.180	0.190	0.200	0.300
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.2	1.9	2.0	2.9	4.3	2.2	2.1	1.9	1.8	1.9	2.0	3.0
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.210	0.310	0.420	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	3.1	4.2	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8

Licensee Comments: none

Drill/Exercise Performance



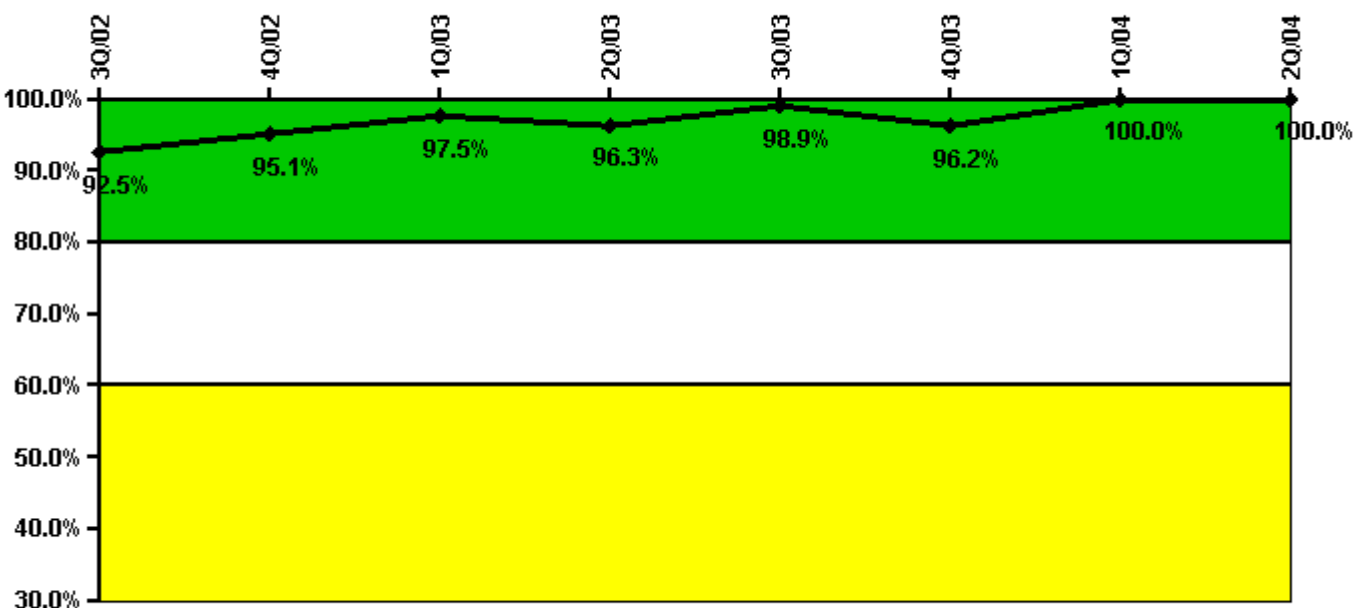
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	26.0	46.0	18.0	13.0	25.0	21.0	13.0	27.0
Total opportunities	26.0	47.0	19.0	13.0	27.0	23.0	13.0	27.0
Indicator value	98.2%	98.9%	98.4%	98.3%	97.2%	96.6%	96.5%	96.9%

Licensee Comments: none

ERO Drill Participation



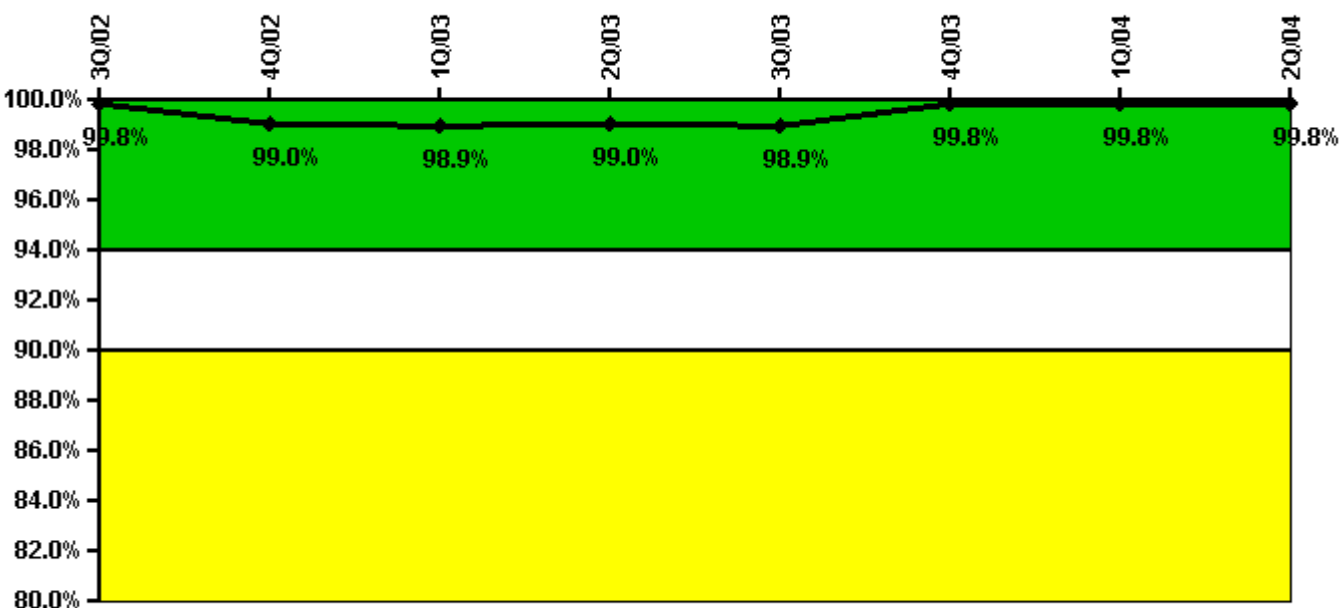
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	74.0	77.0	79.0	77.0	86.0	75.0	82.0	78.0
Total Key personnel	80.0	81.0	81.0	80.0	87.0	78.0	82.0	78.0
Indicator value	92.5%	95.1%	97.5%	96.3%	98.9%	96.2%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



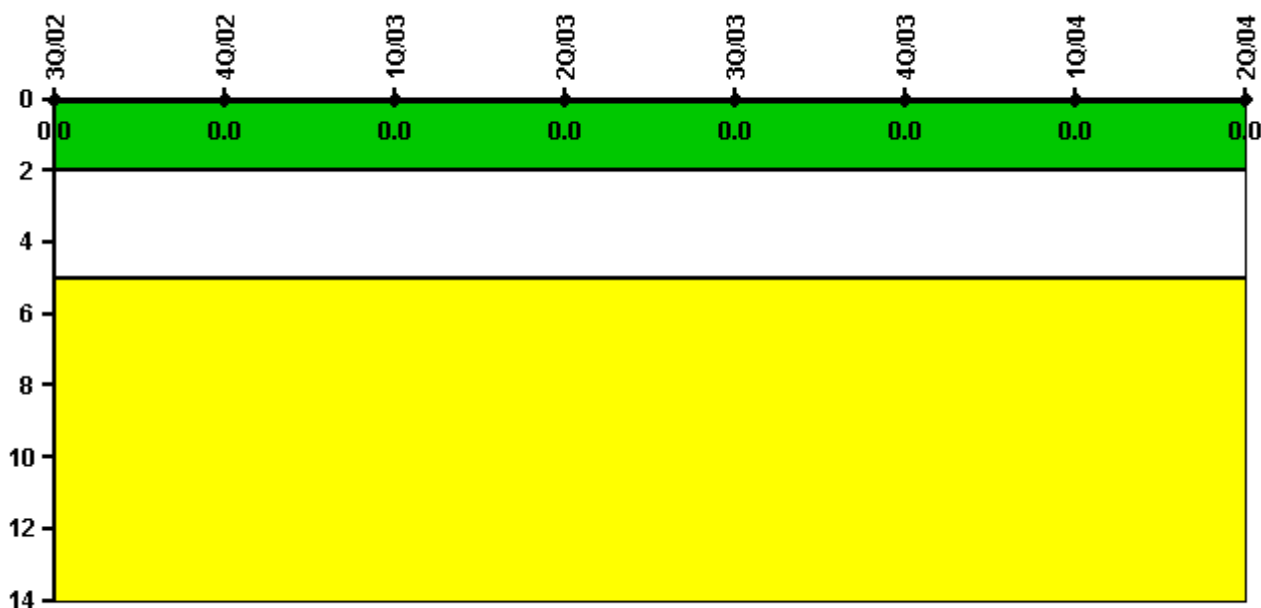
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	846	698	724	846	723	846	725	846
Total sirens-tests	847	726	726	847	726	847	726	847
Indicator value	99.8%	99.0%	98.9%	99.0%	98.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



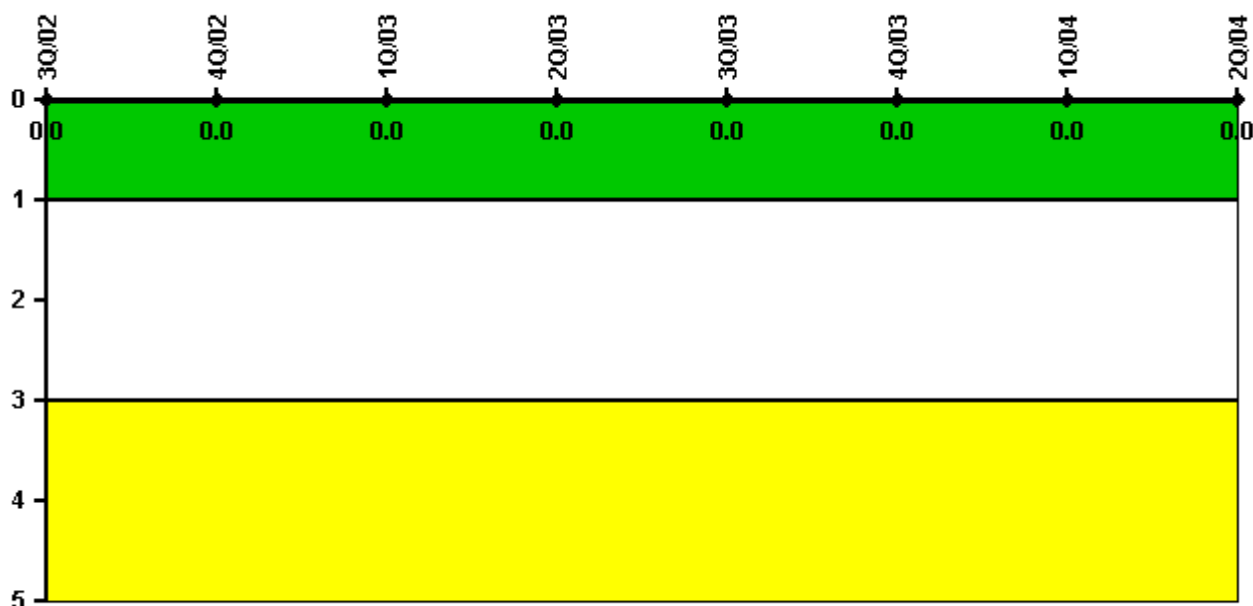
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

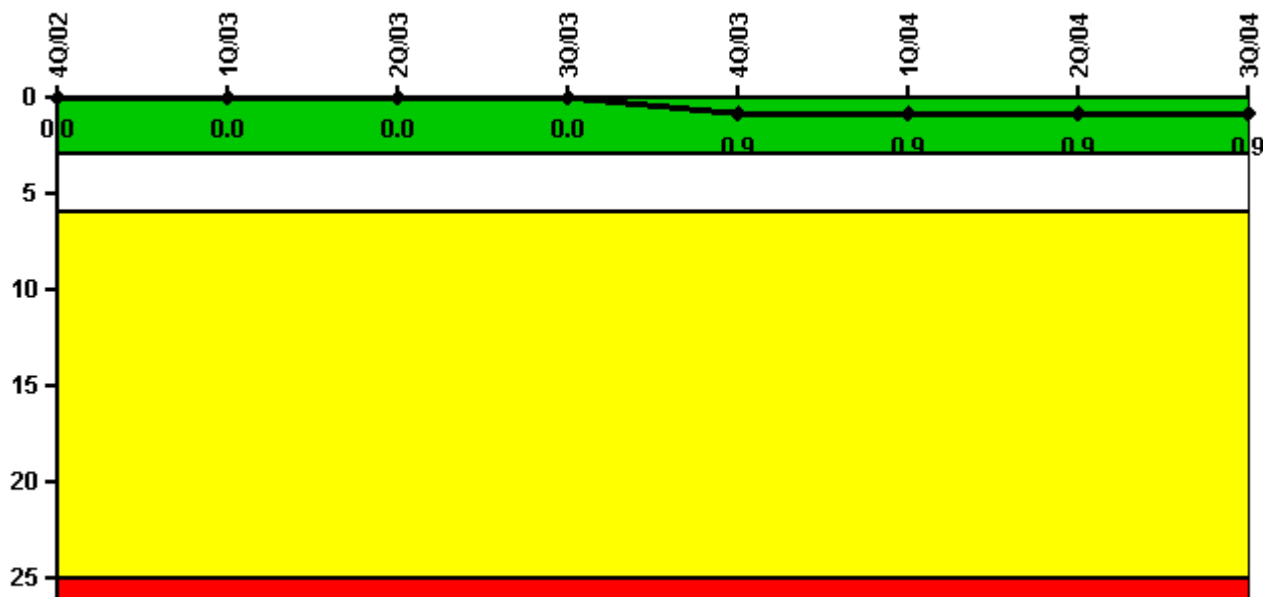
Last Modified: September 8, 2004

Seabrook 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



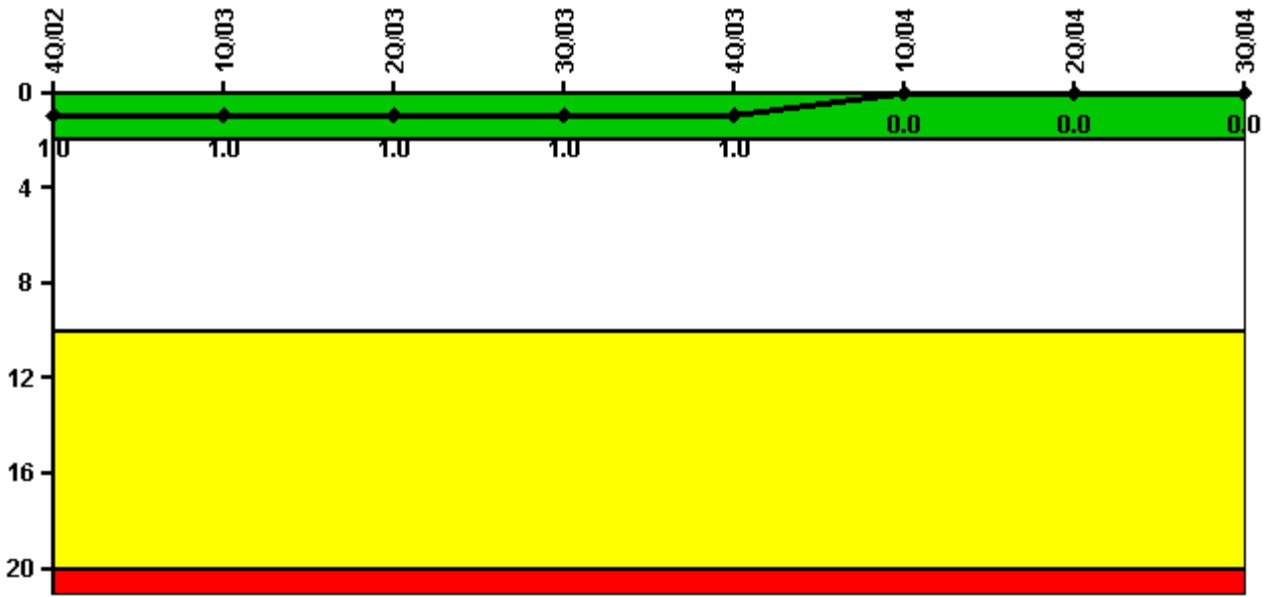
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



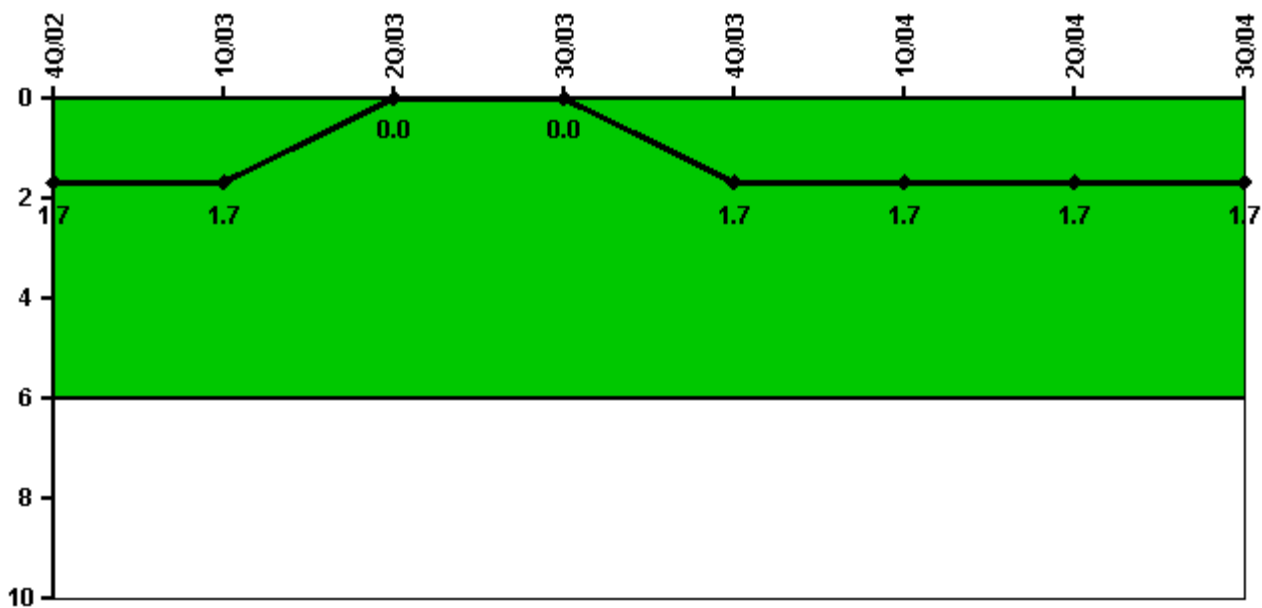
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



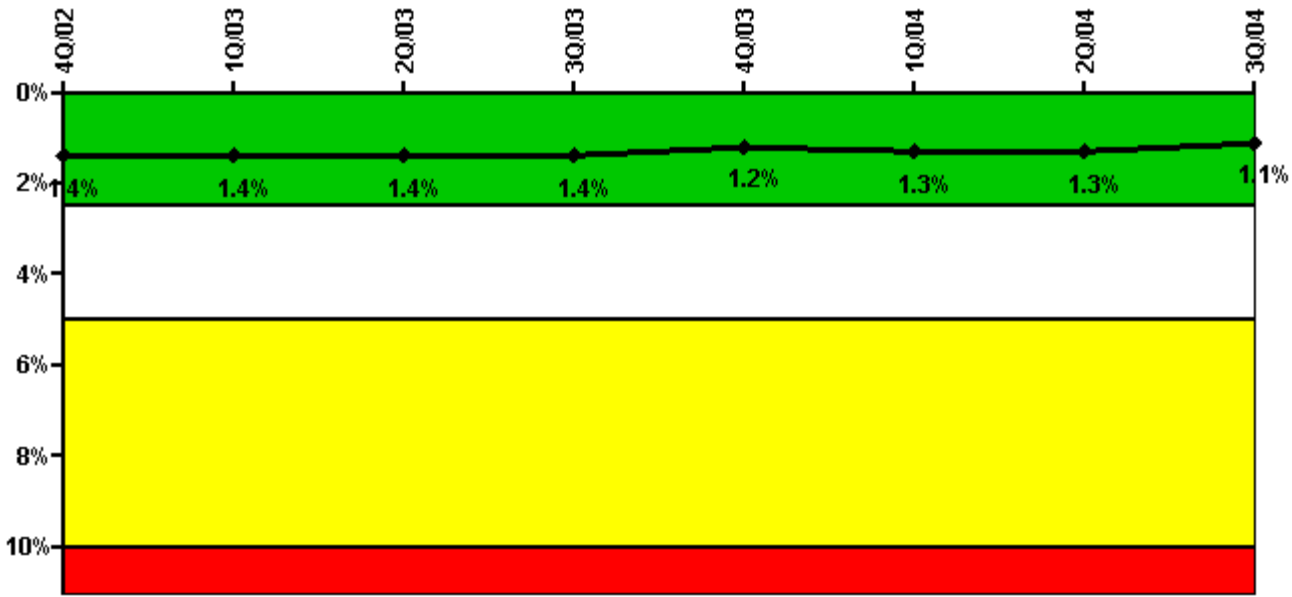
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	0	0	2.0	0	0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0
Indicator value	1.7	1.7	0	0	1.7	1.7	1.7	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

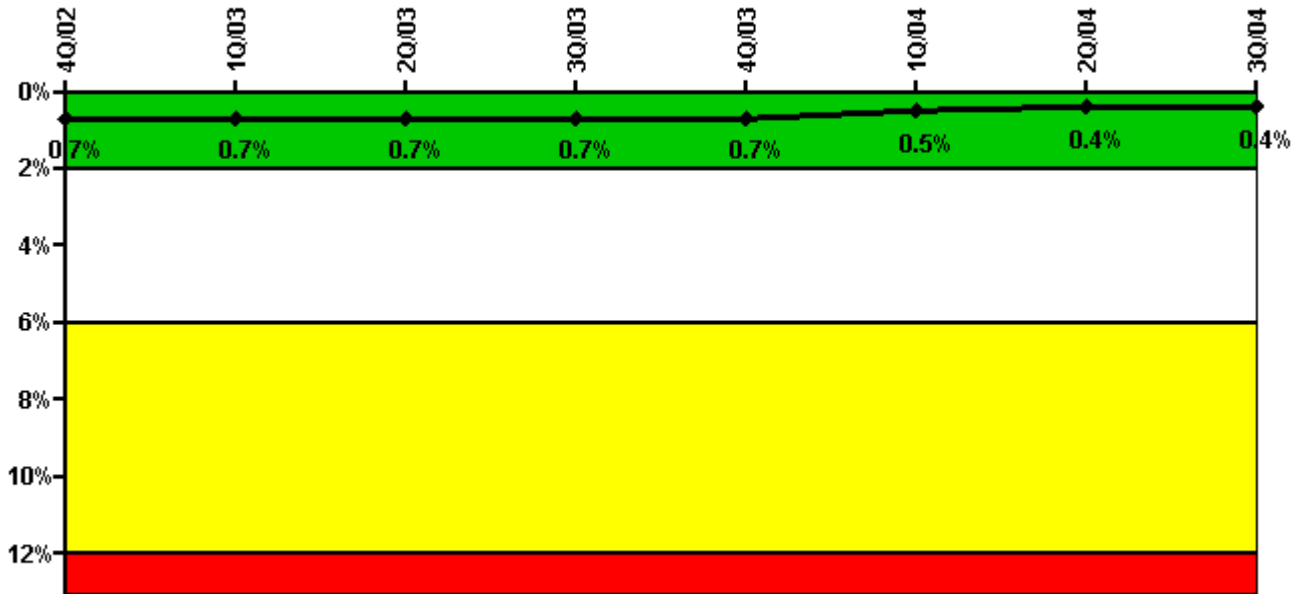
Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	21.65	3.53	36.33	4.50	3.43	6.48	31.42	1.63
Unplanned unavailable hours	5.32	0	35.47	0	13.55	17.03	18.28	0.63
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	31.95	17.93	3.17	25.30	1.98	29.32	10.19	5.47
Unplanned unavailable hours	0	0	0	7.87	0	0	4.98	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00
Indicator value	1.4%	1.4%	1.4%	1.4%	1.2%	1.3%	1.3%	1.1%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



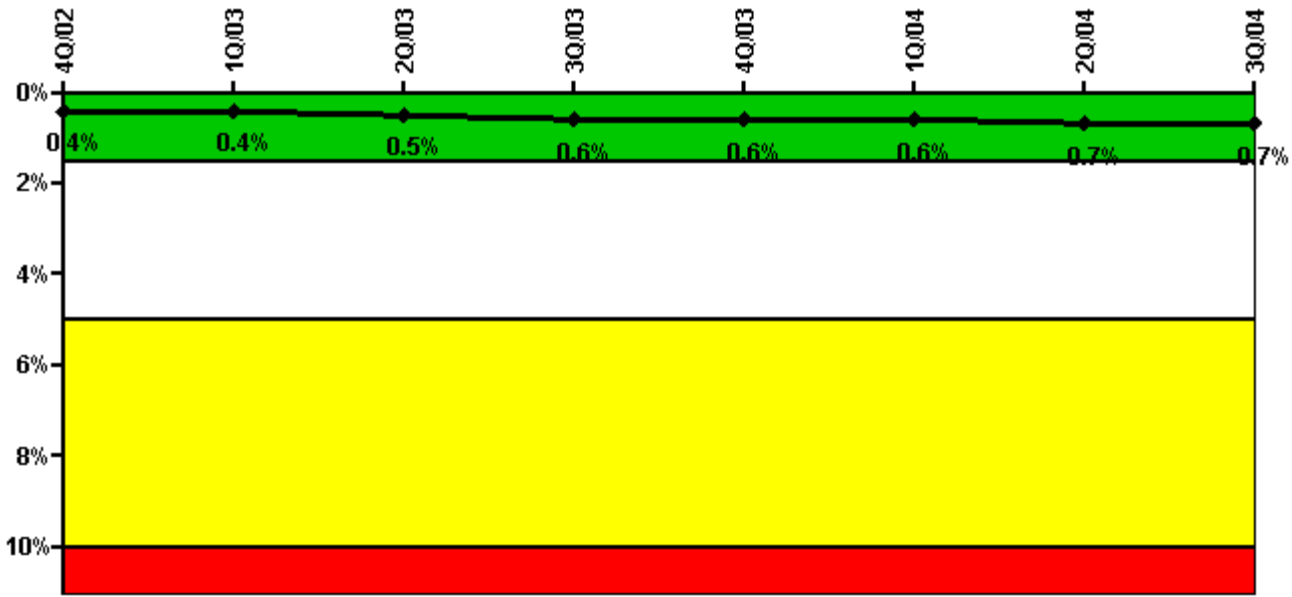
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	3.82	5.93	3.22	3.21	5.49	3.56	13.08	10.97
Unplanned unavailable hours	0	0	0	0	14.78	0	8.03	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.33	4.32	6.22	1.62	4.10	2.22	1.60	4.27
Unplanned unavailable hours	0.23	0	0	0	11.61	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



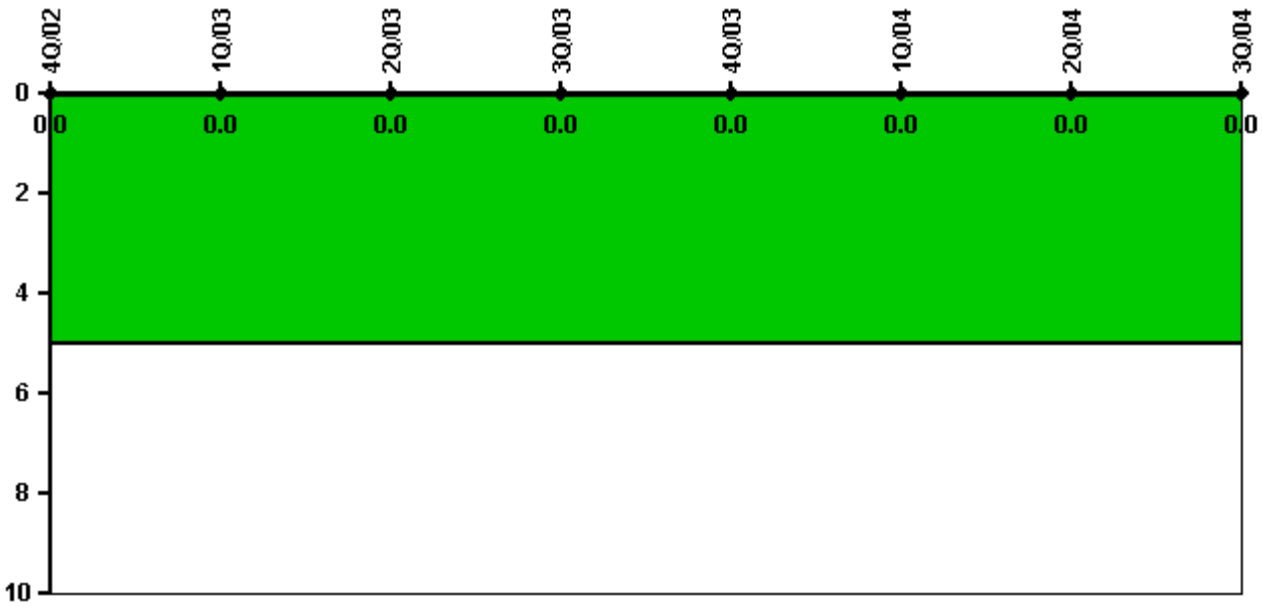
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	8.00	12.27	26.91	29.49	5.30	6.54	40.93	7.67
Unplanned unavailable hours	0	0	0.08	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.53	4.00	9.02	24.69	1.28	25.50	20.39	4.52
Unplanned unavailable hours	0	0.03	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.5%	0.6%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



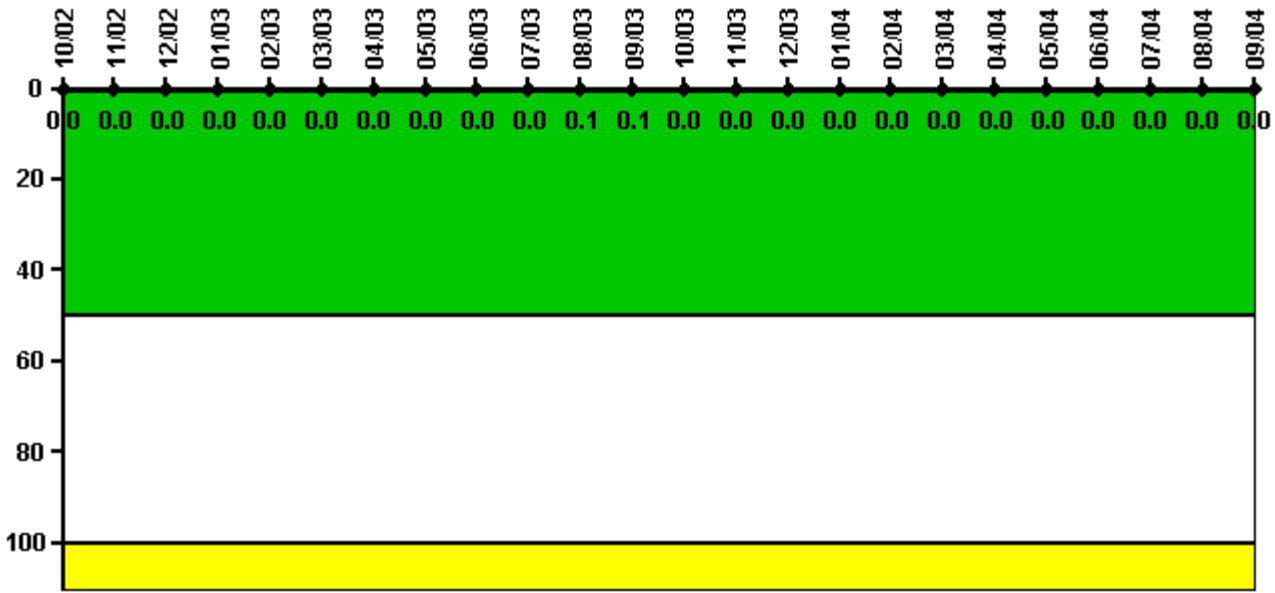
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



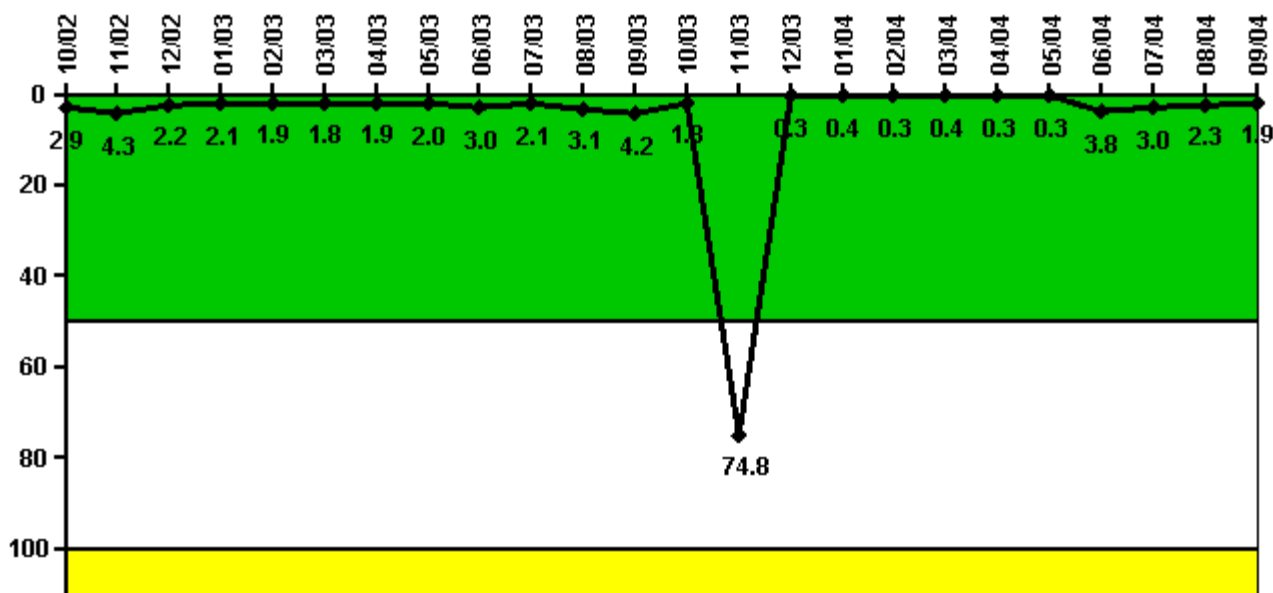
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000192	0.000254	0.000215	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1
Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



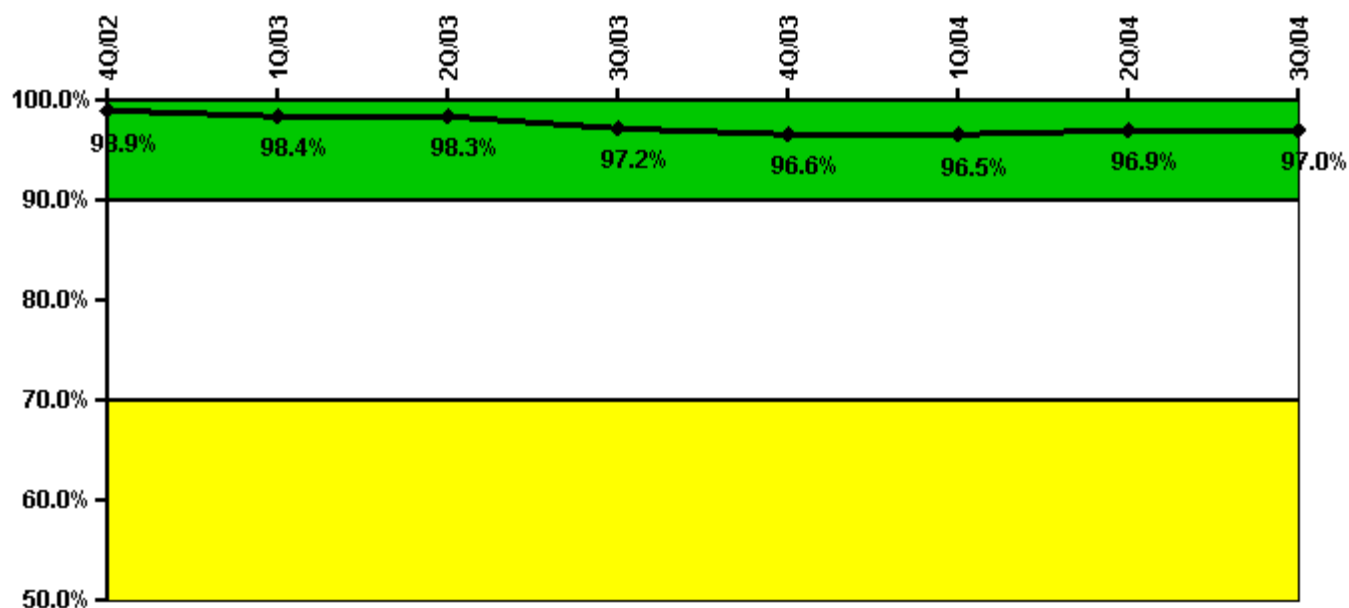
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.290	0.430	0.220	0.210	0.190	0.180	0.190	0.200	0.300	0.210	0.310	0.420
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	4.3	2.2	2.1	1.9	1.8	1.9	2.0	3.0	2.1	3.1	4.2
Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380	0.300	0.230	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8	3.0	2.3	1.9

Licensee Comments: none

Drill/Exercise Performance



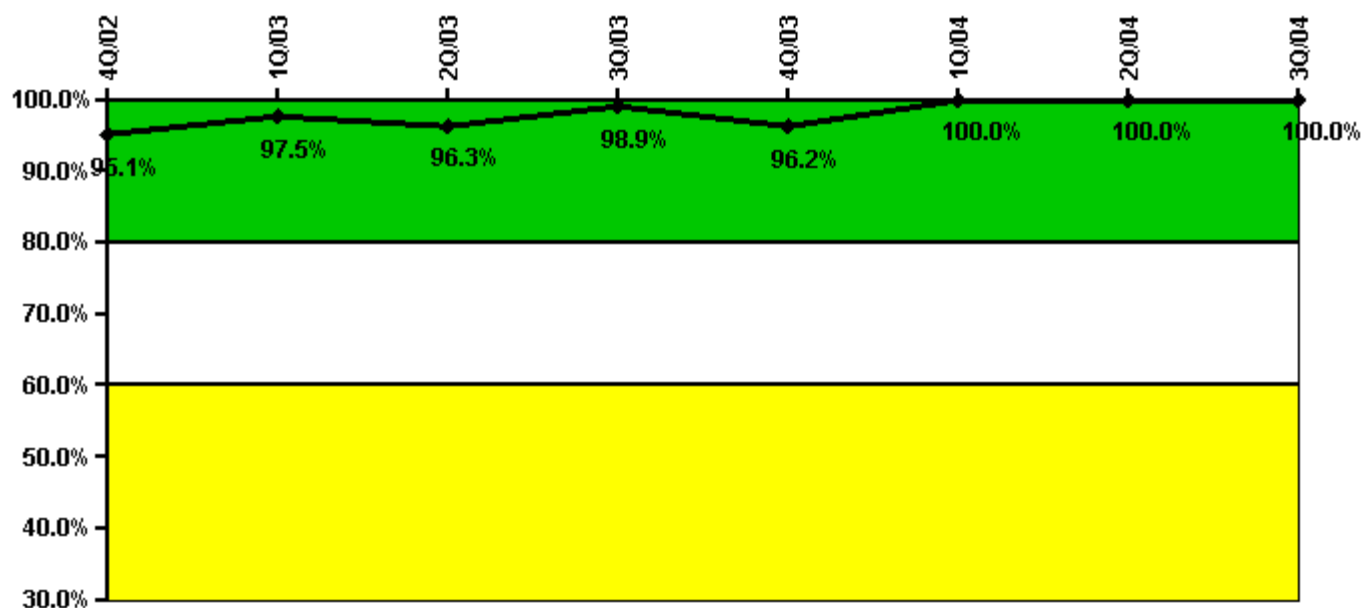
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	46.0	18.0	13.0	25.0	21.0	13.0	27.0	29.0
Total opportunities	47.0	19.0	13.0	27.0	23.0	13.0	27.0	29.0
Indicator value	98.9%	98.4%	98.3%	97.2%	96.6%	96.5%	96.9%	97.0%

Licensee Comments: none

ERO Drill Participation



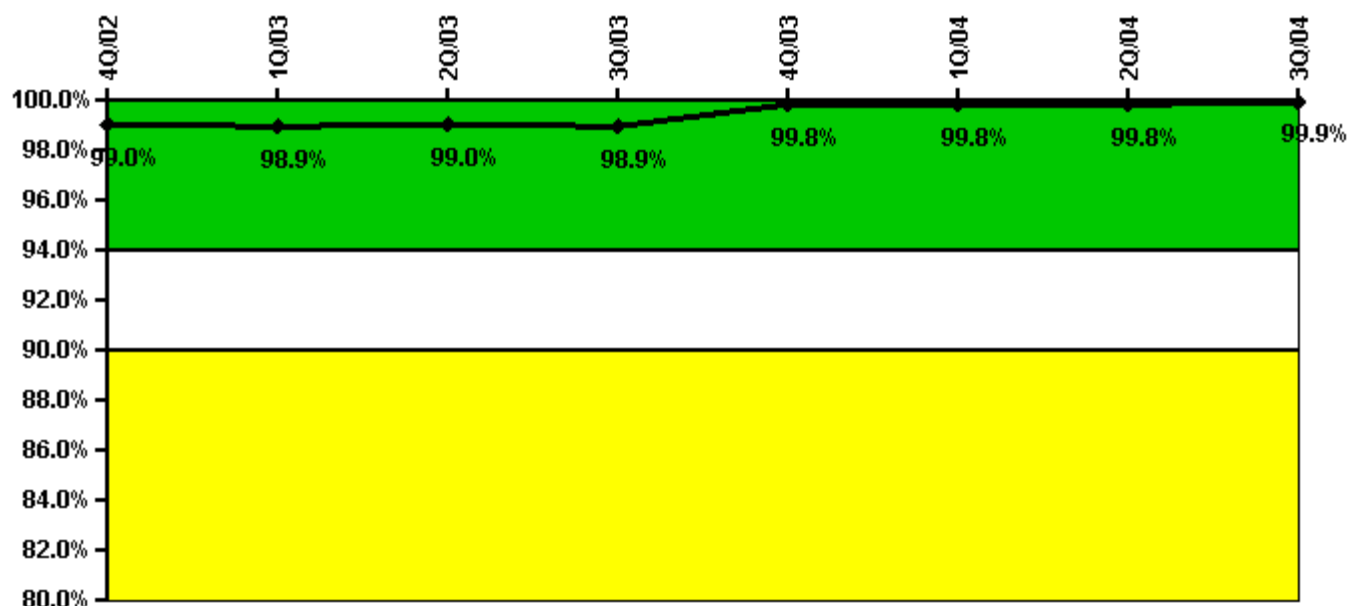
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	77.0	79.0	77.0	86.0	75.0	82.0	78.0	78.0
Total Key personnel	81.0	81.0	80.0	87.0	78.0	82.0	78.0	78.0
Indicator value	95.1%	97.5%	96.3%	98.9%	96.2%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



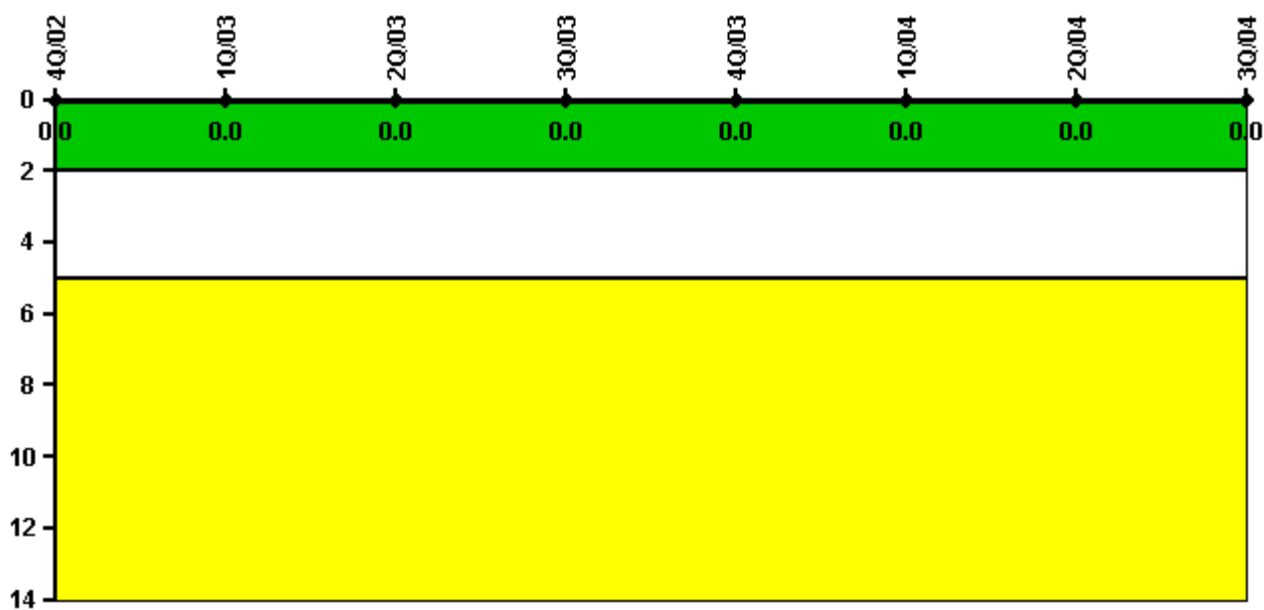
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	698	724	846	723	846	725	846	725
Total sirens-tests	726	726	847	726	847	726	847	726
Indicator value	99.0%	98.9%	99.0%	98.9%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



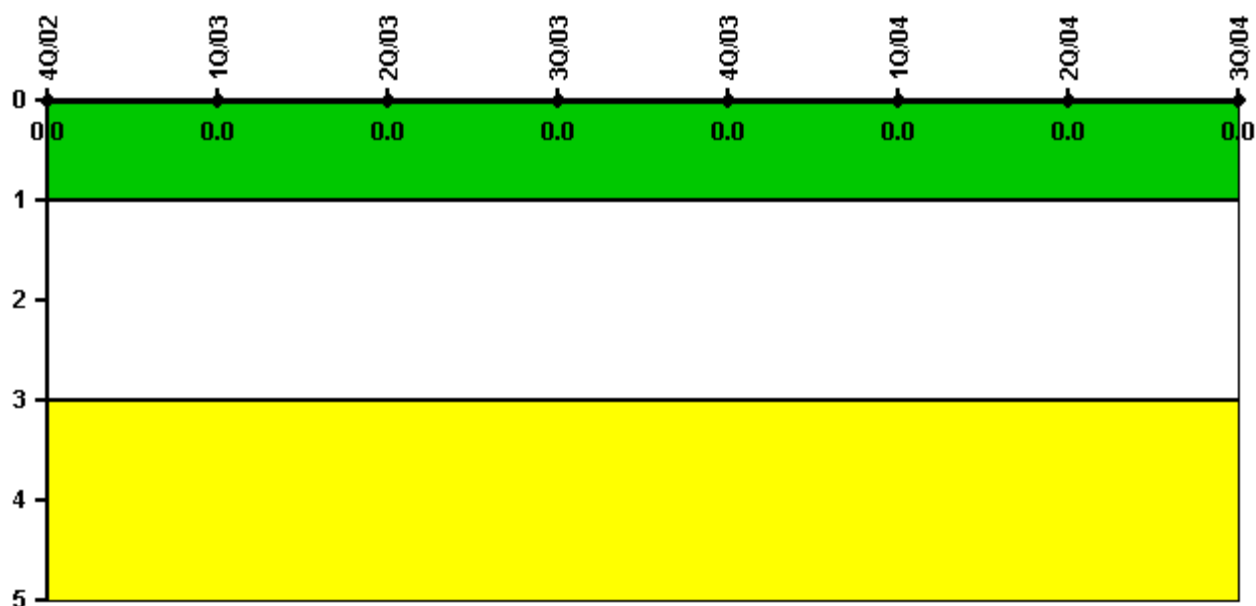
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

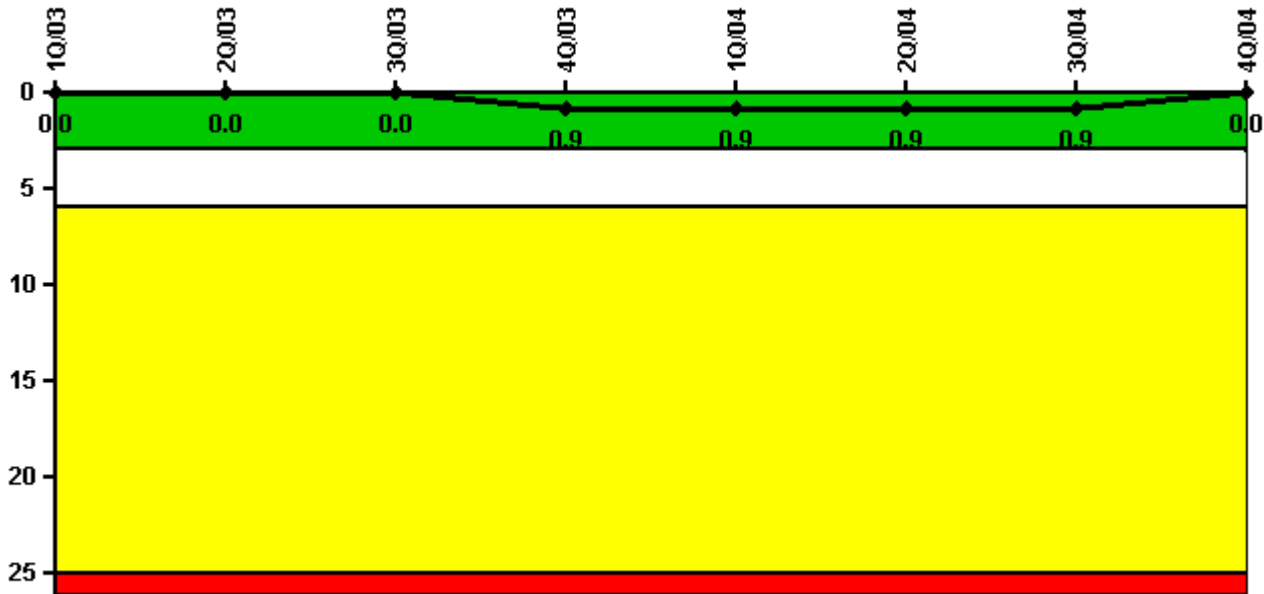
Last Modified: October 25, 2004

Seabrook 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



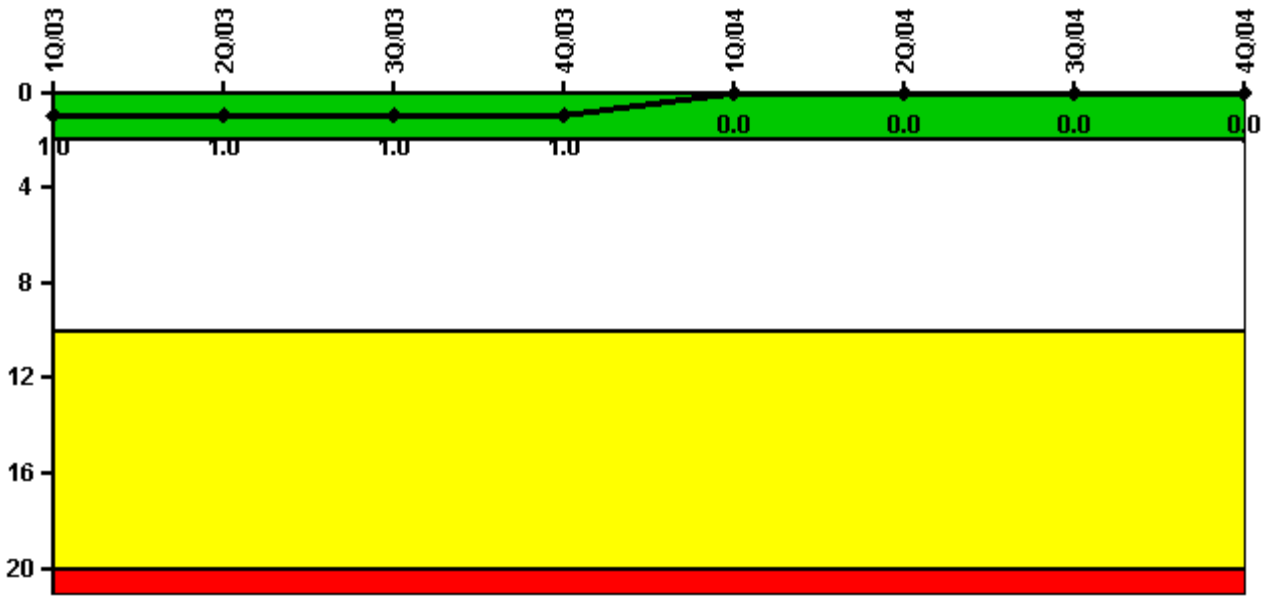
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



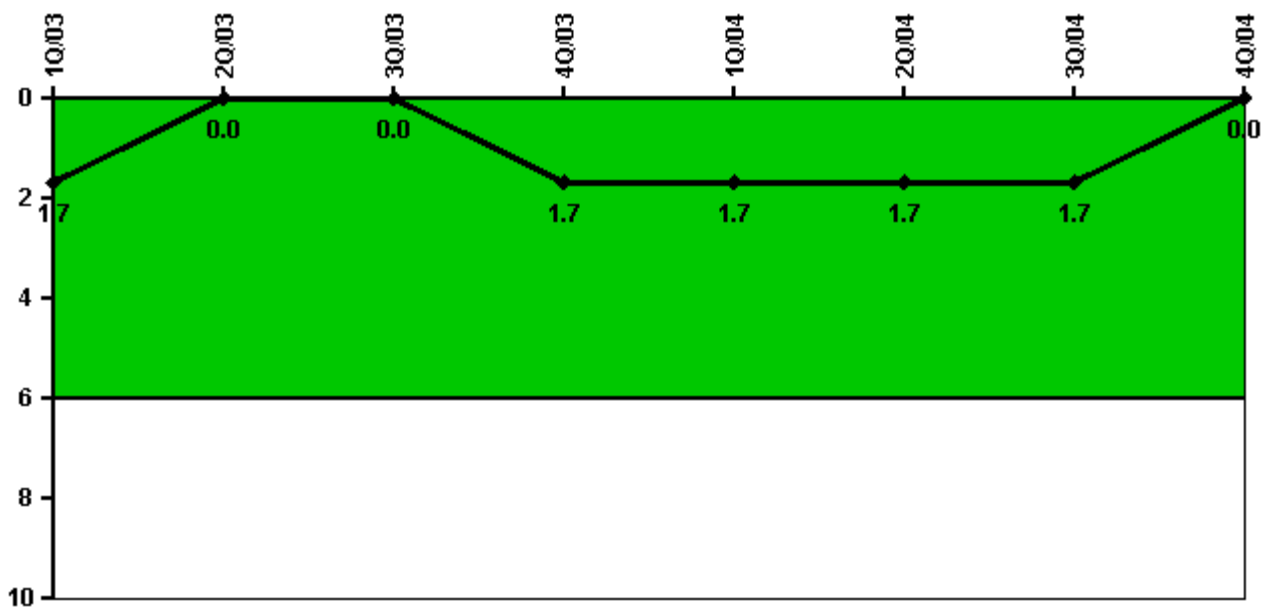
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



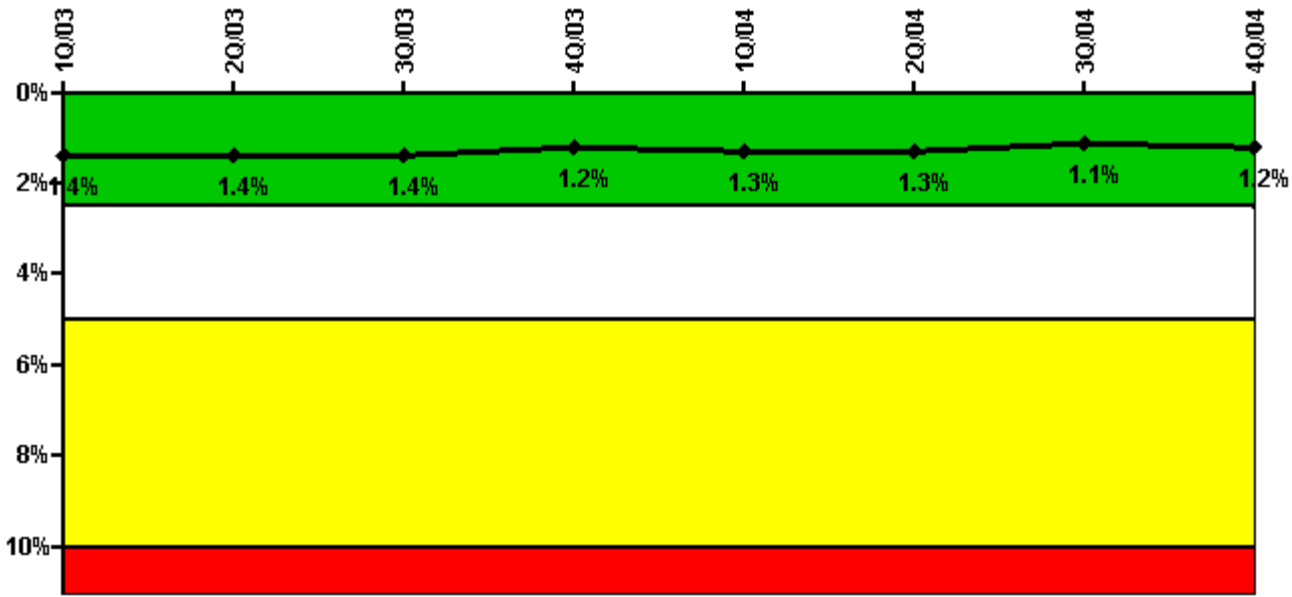
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	0	0	2.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0
Indicator value	1.7	0	0	1.7	1.7	1.7	1.7	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

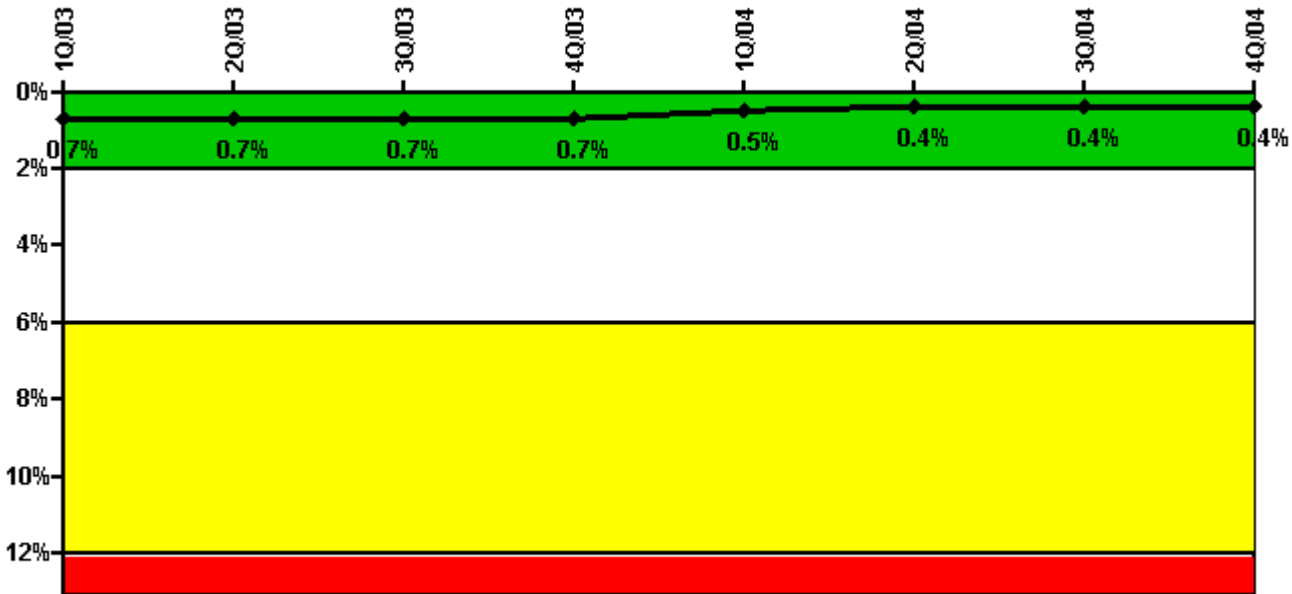
Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	3.53	36.33	4.50	3.43	6.48	31.42	1.63	3.37
Unplanned unavailable hours	0	35.47	0	13.55	17.03	18.28	0.63	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	17.93	3.17	25.30	1.98	29.32	10.19	5.47	37.18
Unplanned unavailable hours	0	0	7.87	0	0	4.98	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.4%	1.4%	1.4%	1.2%	1.3%	1.3%	1.1%	1.2%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



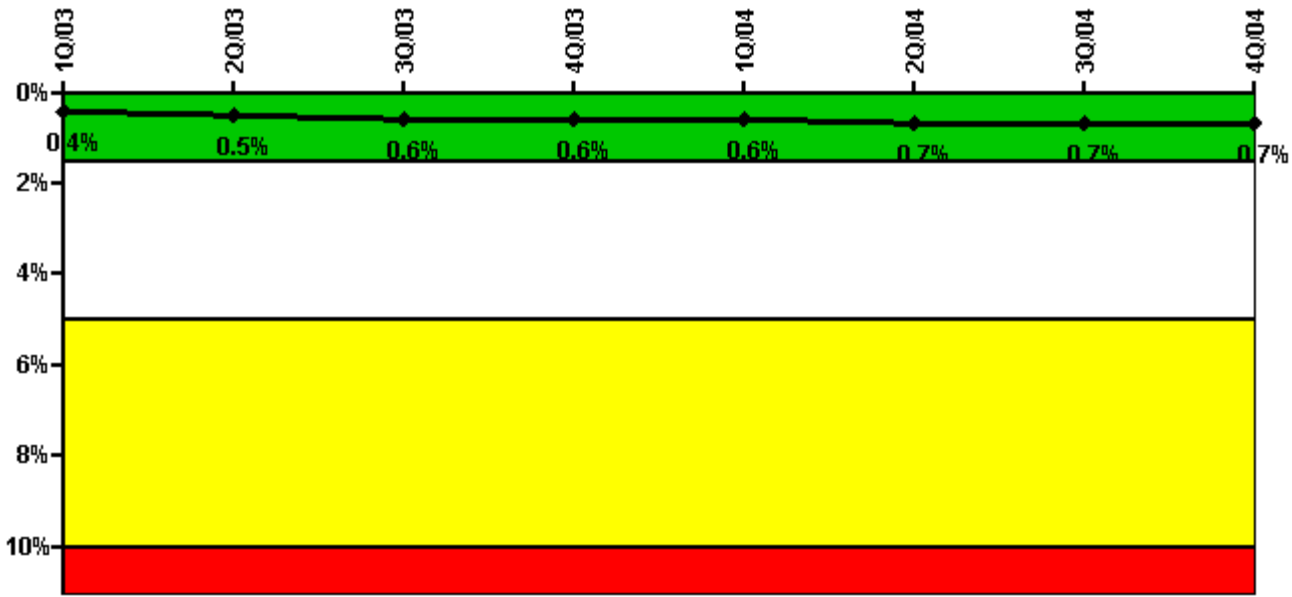
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	5.93	3.22	3.21	5.49	3.56	13.08	10.97	24.08
Unplanned unavailable hours	0	0	0	14.78	0	8.03	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	4.32	6.22	1.62	4.10	2.22	1.60	4.27	16.98
Unplanned unavailable hours	0	0	0	11.61	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



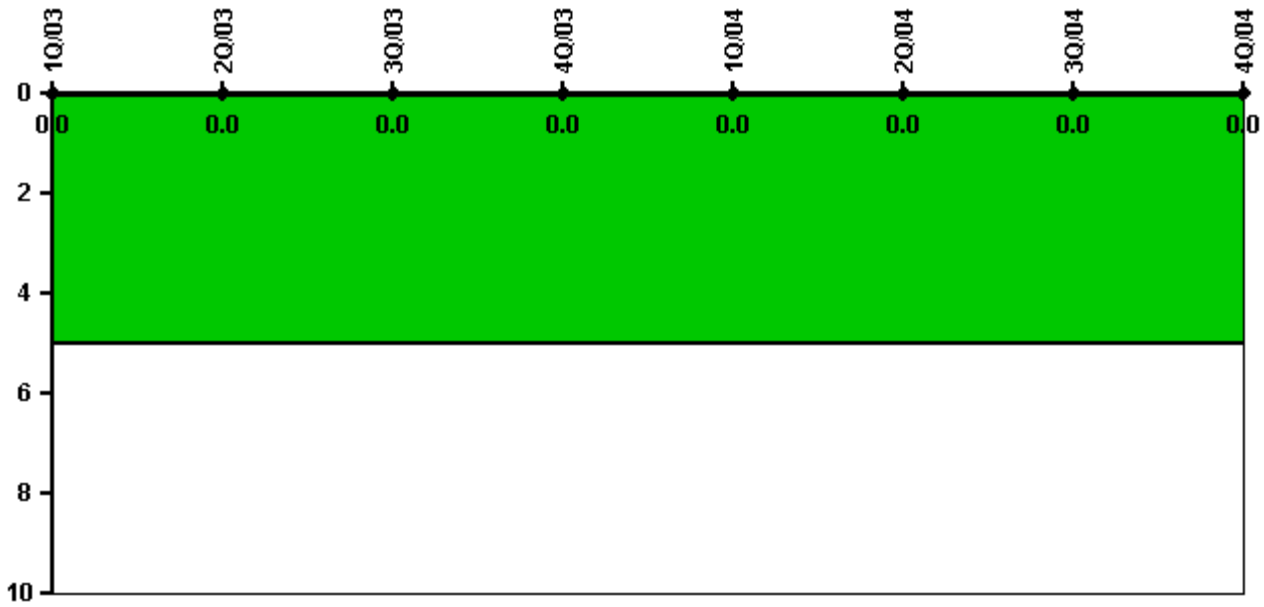
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	12.27	26.91	29.49	5.30	6.54	40.93	7.67	39.81
Unplanned unavailable hours	0	0.08	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	4.00	9.02	24.69	1.28	25.50	20.39	4.52	4.94
Unplanned unavailable hours	0.03	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.5%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



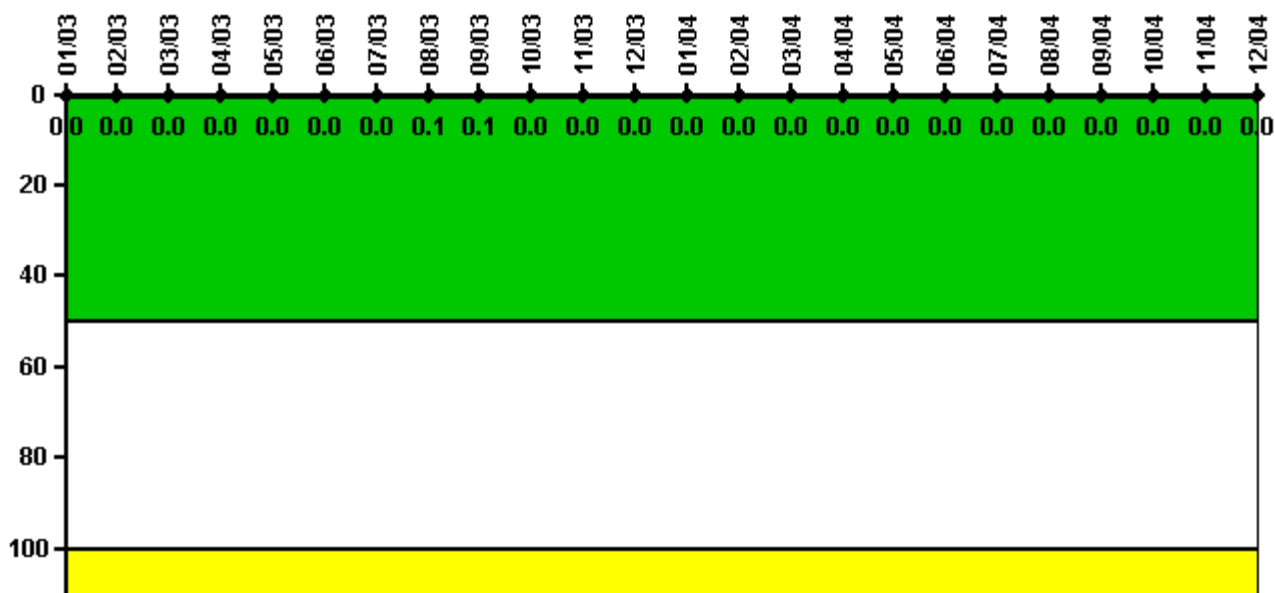
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

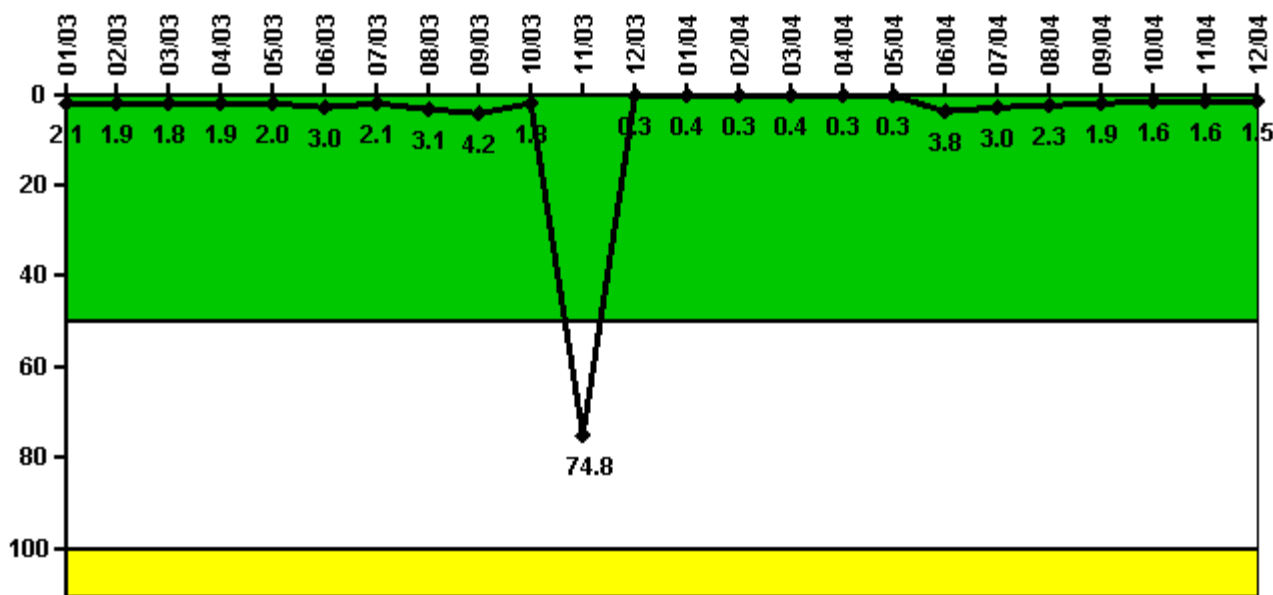
Notes

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000209	0.000210	0.000236	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903	0	0.000103	0.000126
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0	0	0

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

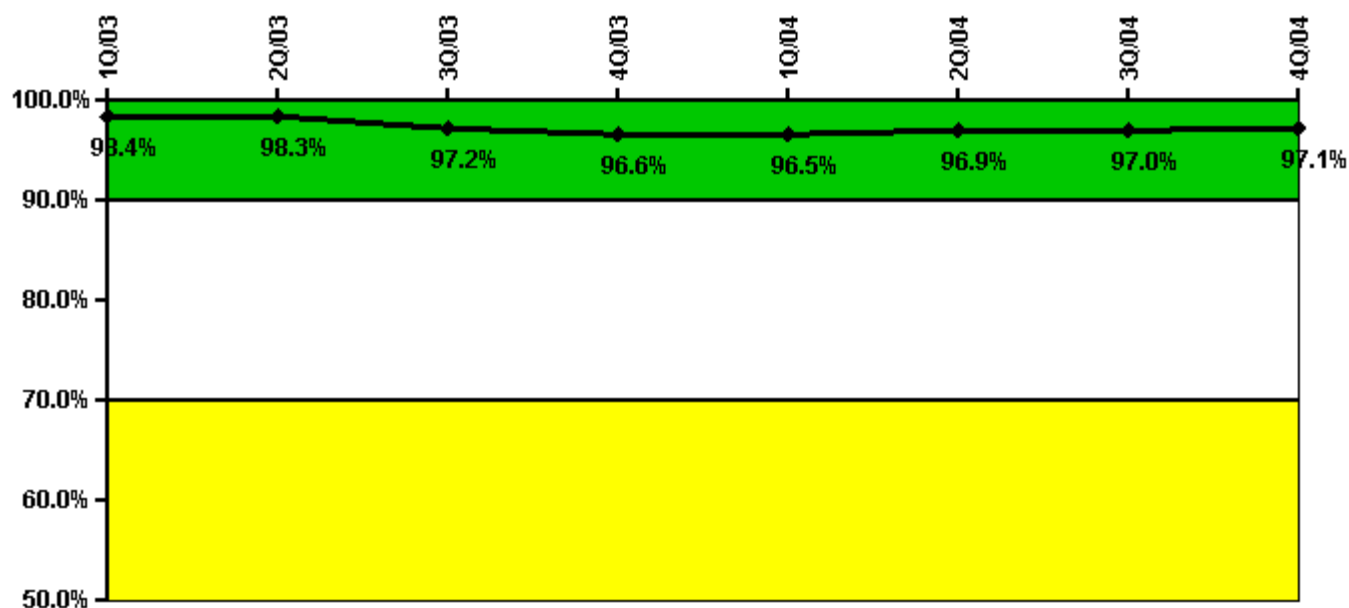
Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.210	0.190	0.180	0.190	0.200	0.300	0.210	0.310	0.420	0.180	7.478	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.9	1.8	1.9	2.0	3.0	2.1	3.1	4.2	1.8	74.8	0.3

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.040	0.030	0.040	0.030	0.030	0.380	0.300	0.230	0.190	0.161	0.157	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.3	0.3	3.8	3.0	2.3	1.9	1.6	1.6	1.5

Licensee Comments:

12/04: The maximum RCS Identified Leak Rate values recorded for the 4th quarter 2004 have been obtained from the Operations Daily Technical Specification logs by reviewing the logs for the highest value recorded during each month. Utilizing this Tech Spec methodology has been determined to be a more accurate assessment of the actual maximum identified RCS leakage. This method will be used for obtaining future quarterly values. The previous method utilized the Main Plant Computer Point C0700, which calculates a 10-hour average RCS leakage rate using values recorded at 15-minute intervals. The highest value for each month was also recorded for this method.

Drill/Exercise Performance



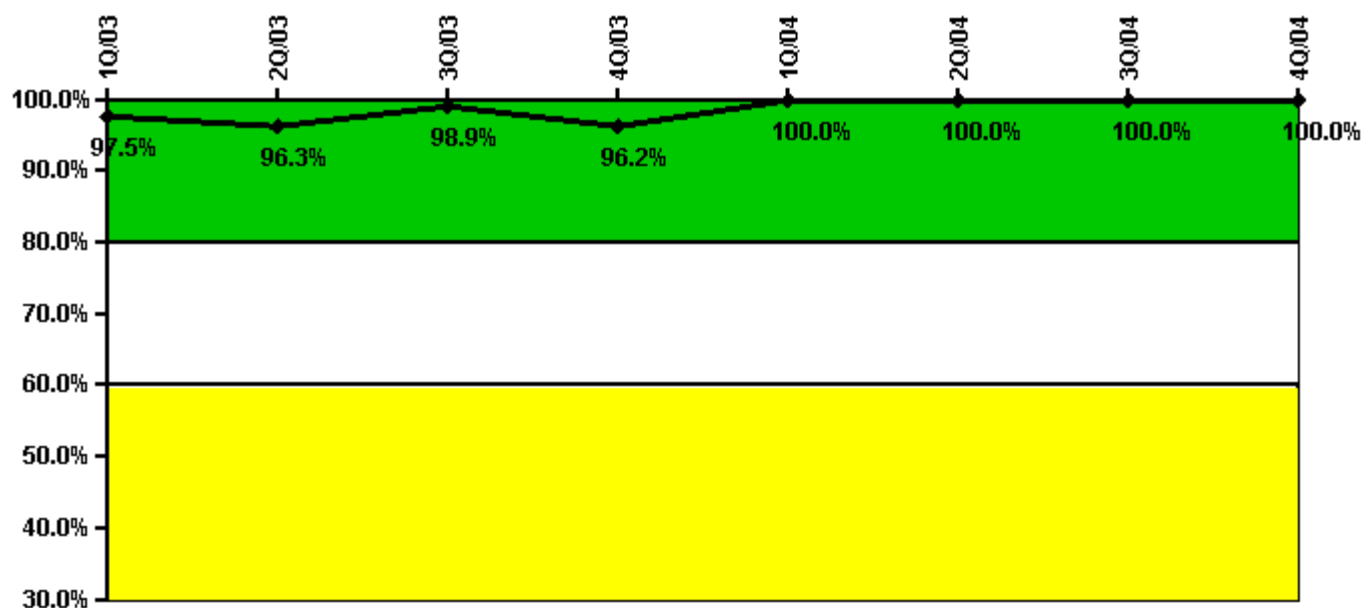
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	18.0	13.0	25.0	21.0	13.0	27.0	34.0	48.0
Total opportunities	19.0	13.0	27.0	23.0	13.0	27.0	34.0	49.0
Indicator value	98.4%	98.3%	97.2%	96.6%	96.5%	96.9%	97.0%	97.1%

Licensee Comments: none

ERO Drill Participation



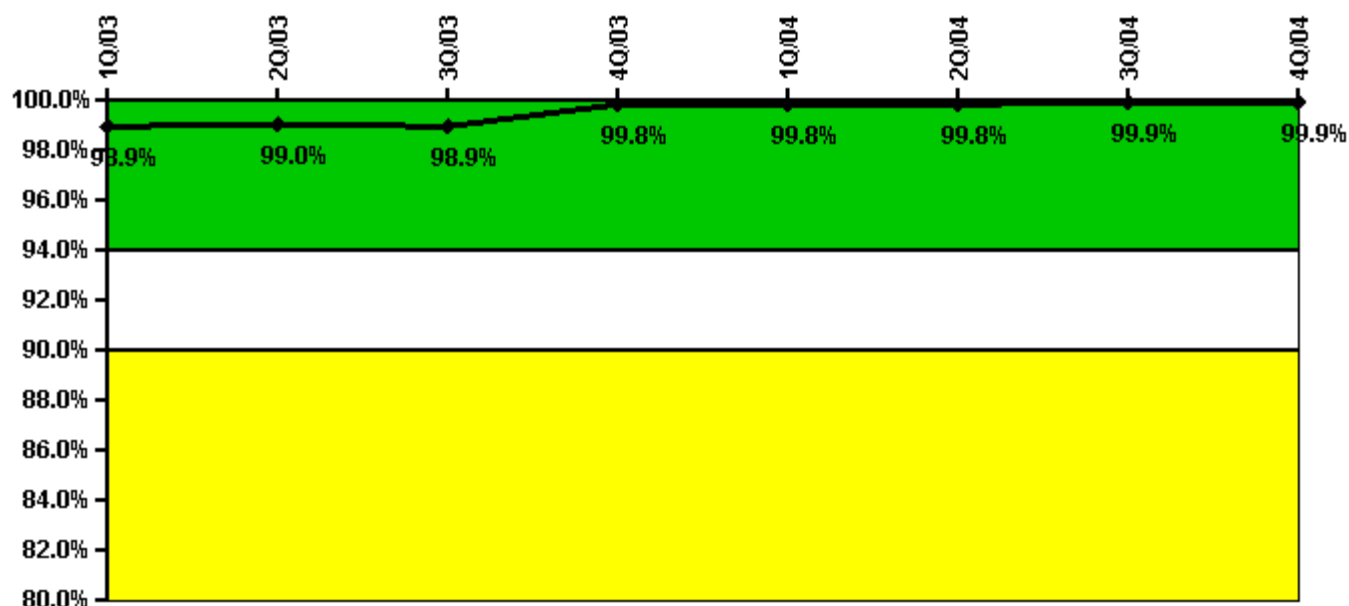
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	79.0	77.0	86.0	75.0	82.0	78.0	78.0	79.0
Total Key personnel	81.0	80.0	87.0	78.0	82.0	78.0	78.0	79.0
Indicator value	97.5%	96.3%	98.9%	96.2%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



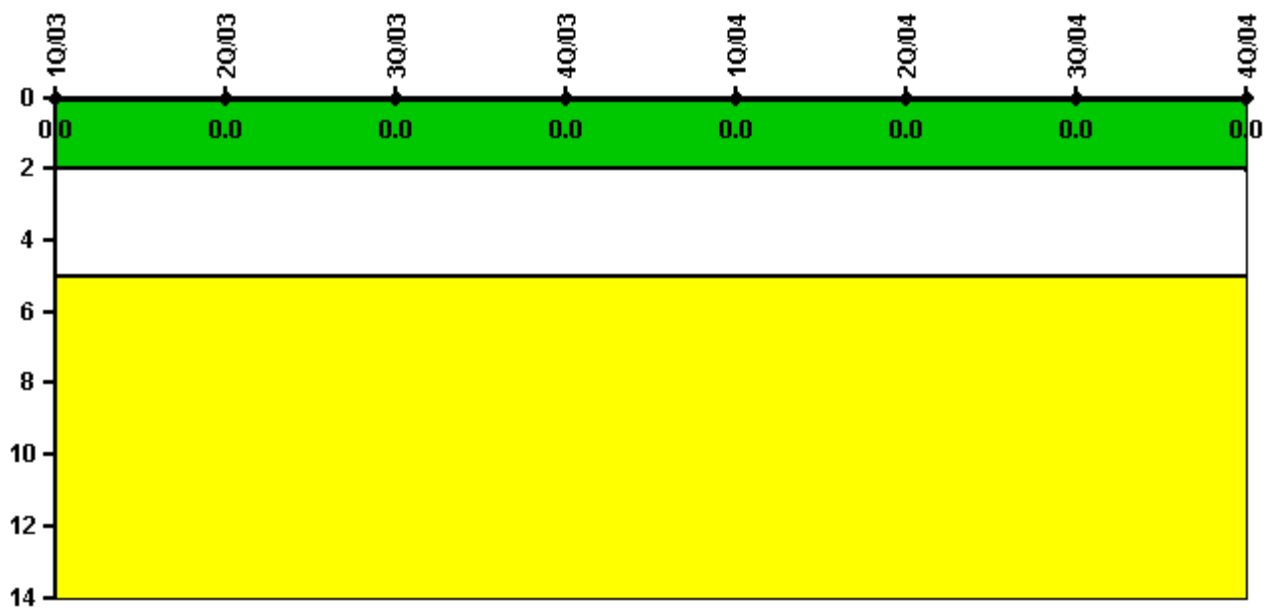
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	724	846	723	846	725	846	725	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	98.9%	99.0%	98.9%	99.8%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



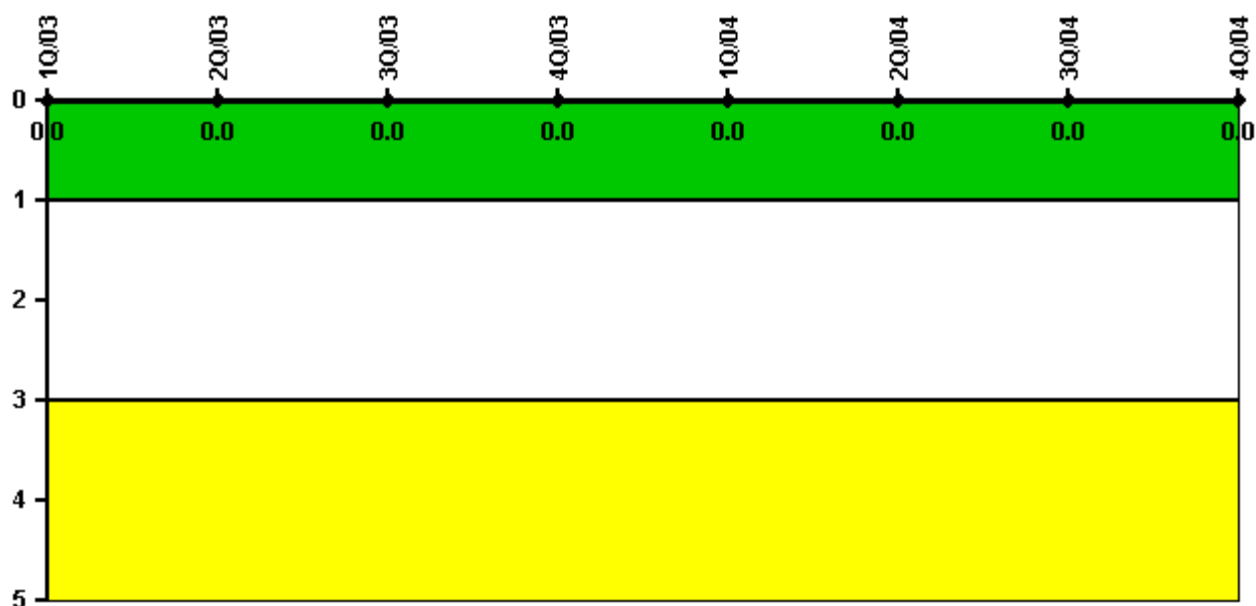
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

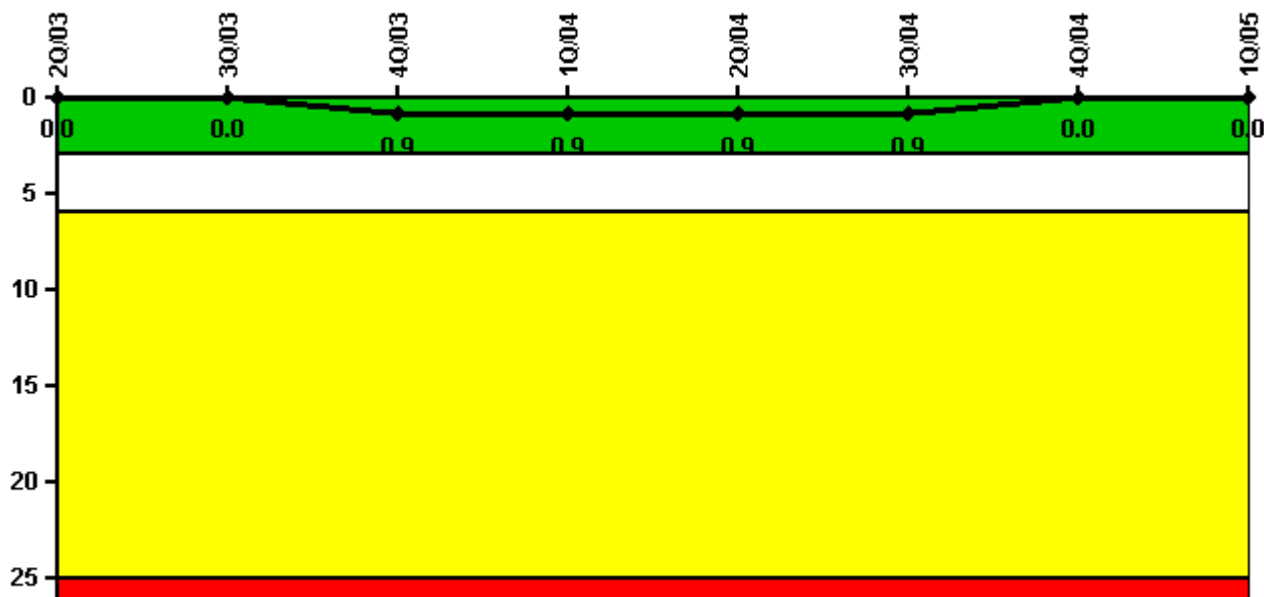
Last Modified: March 9, 2005

Seabrook 1

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



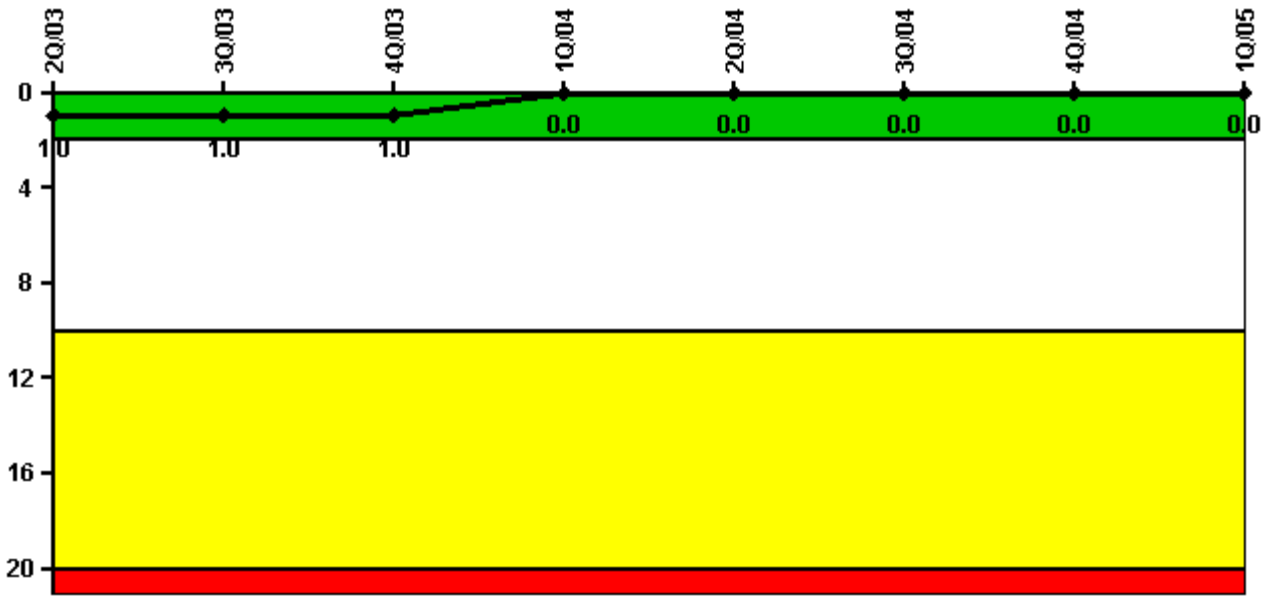
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



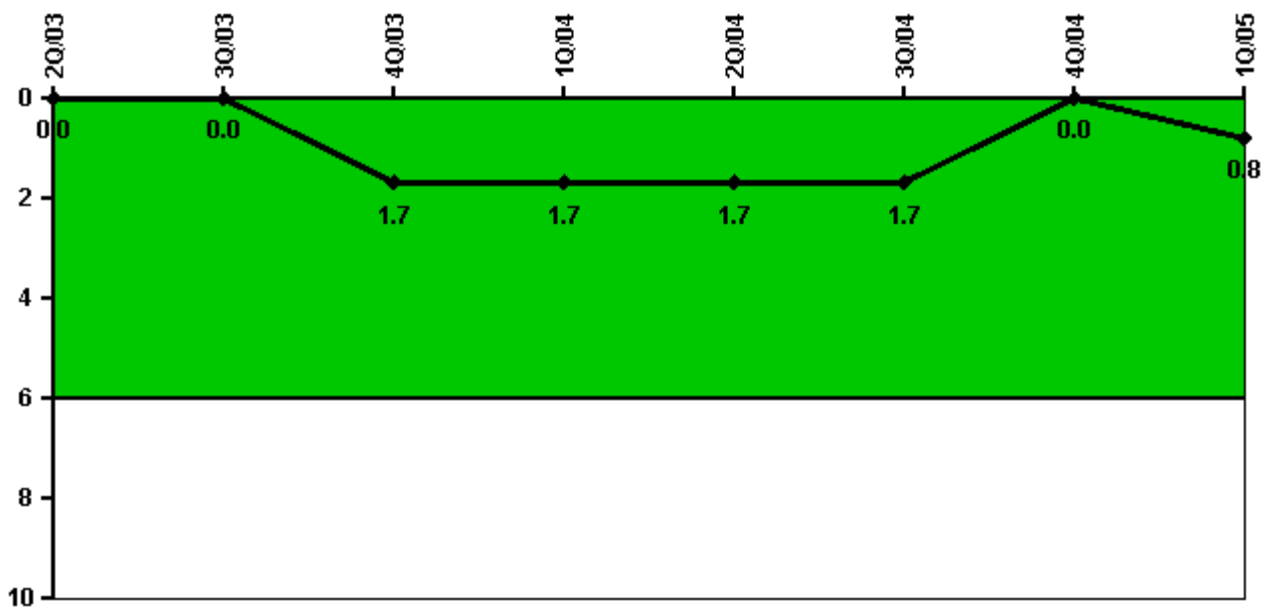
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



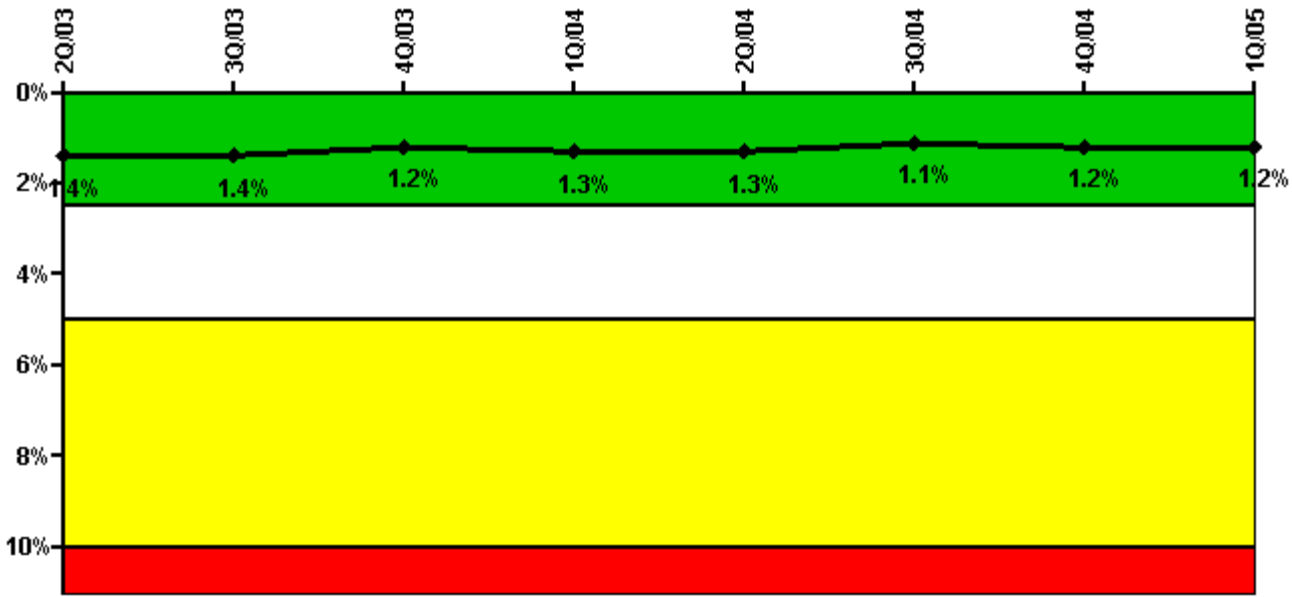
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	2.0	0	0	0	0	1.0
Critical hours	2183.0	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9
Indicator value	0	0	1.7	1.7	1.7	1.7	0	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

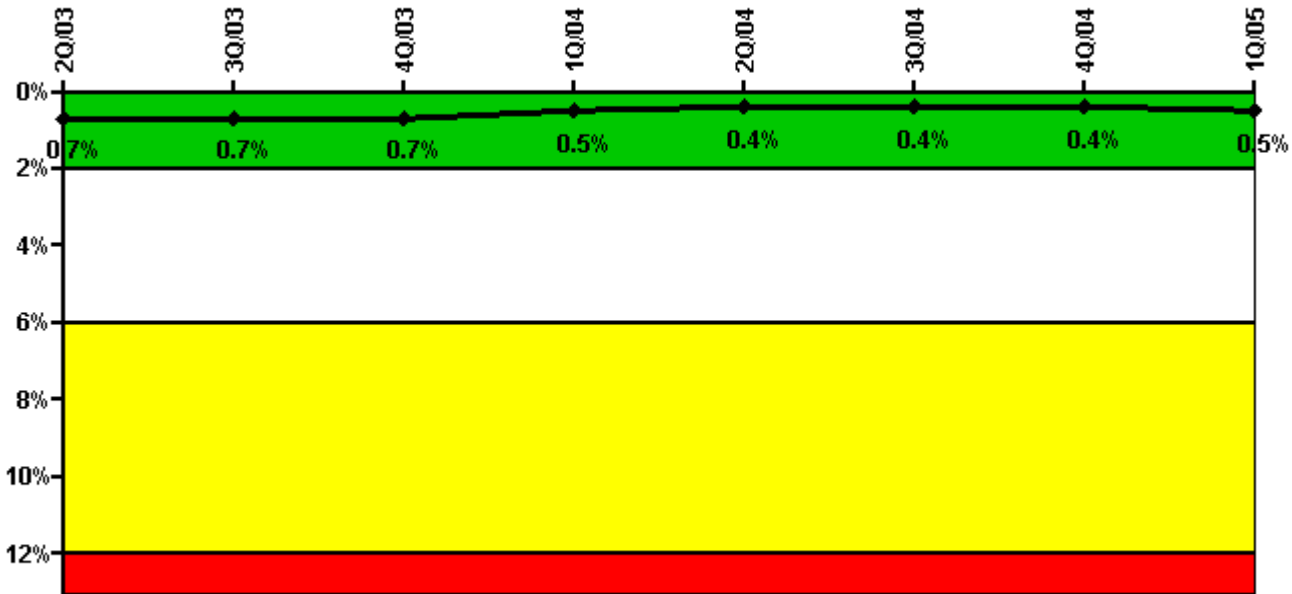
Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	36.33	4.50	3.43	6.48	31.42	1.63	3.37	35.09
Unplanned unavailable hours	35.47	0	13.55	17.03	18.28	0.63	0	16.55
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.17	25.30	1.98	29.32	10.19	5.47	37.18	6.24
Unplanned unavailable hours	0	7.87	0	0	4.98	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.4%	1.4%	1.2%	1.3%	1.3%	1.1%	1.2%	1.2%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



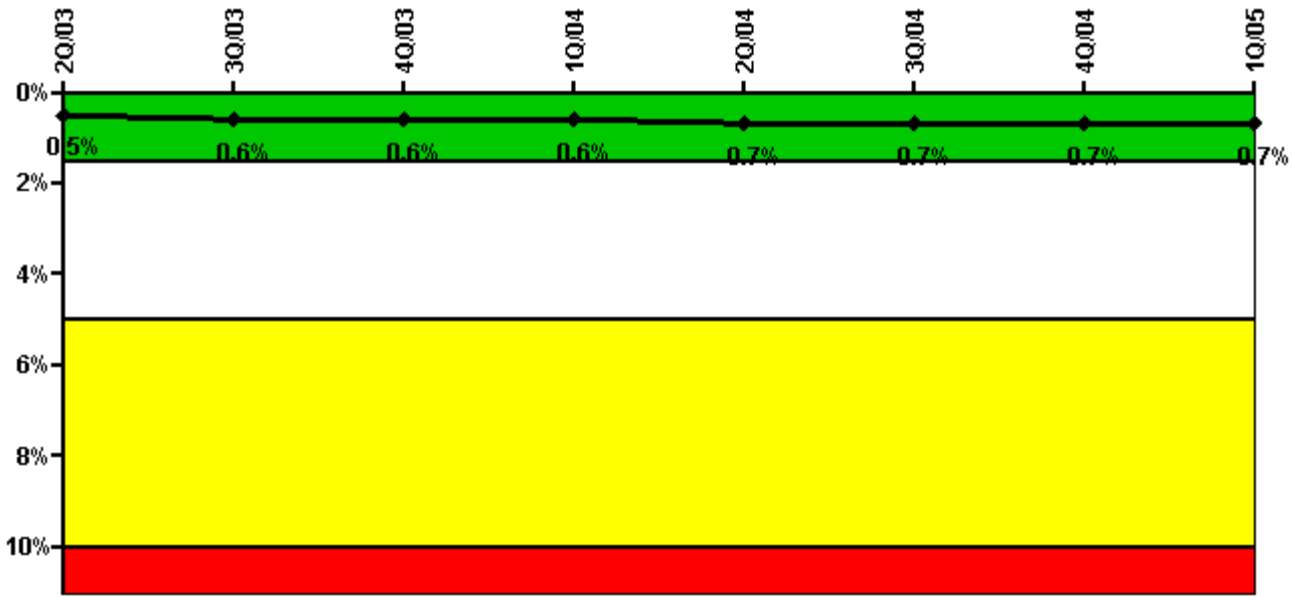
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	3.22	3.21	5.49	3.56	13.08	10.97	24.08	11.26
Unplanned unavailable hours	0	0	14.78	0	8.03	0	0	8.97
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	6.22	1.62	4.10	2.22	1.60	4.27	16.98	2.37
Unplanned unavailable hours	0	0	11.61	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.5%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



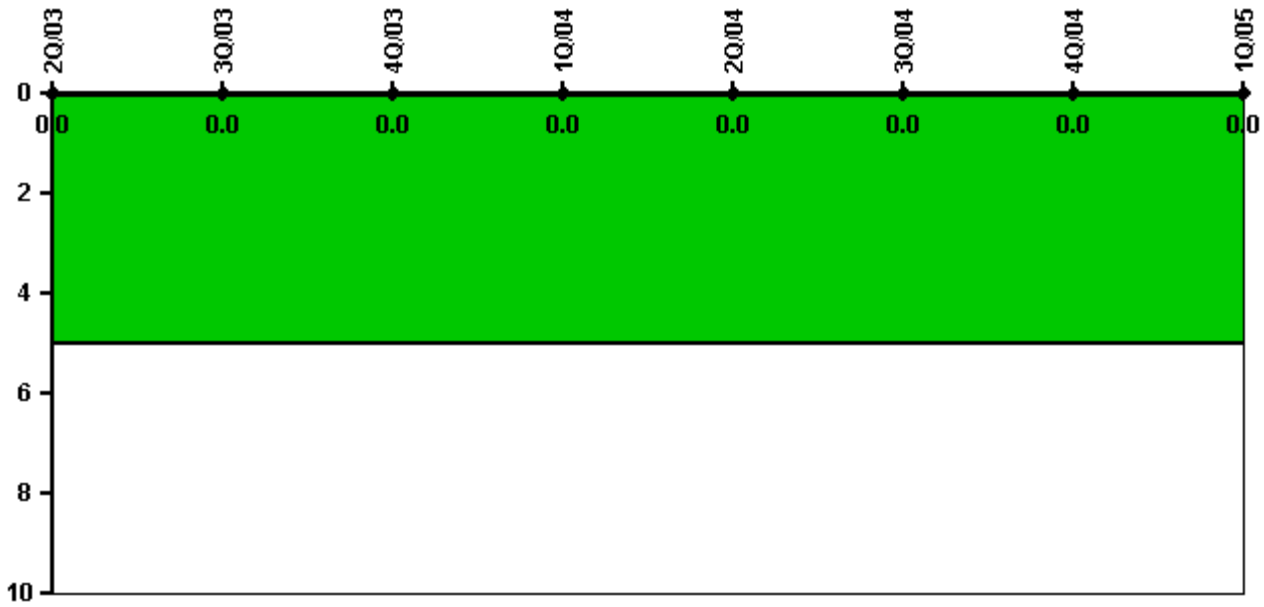
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	26.91	29.49	5.30	6.54	40.93	7.67	39.81	6.33
Unplanned unavailable hours	0.08	0	0	0	0	0	0	9.57
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	9.02	24.69	1.28	25.50	20.39	4.52	4.94	9.21
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



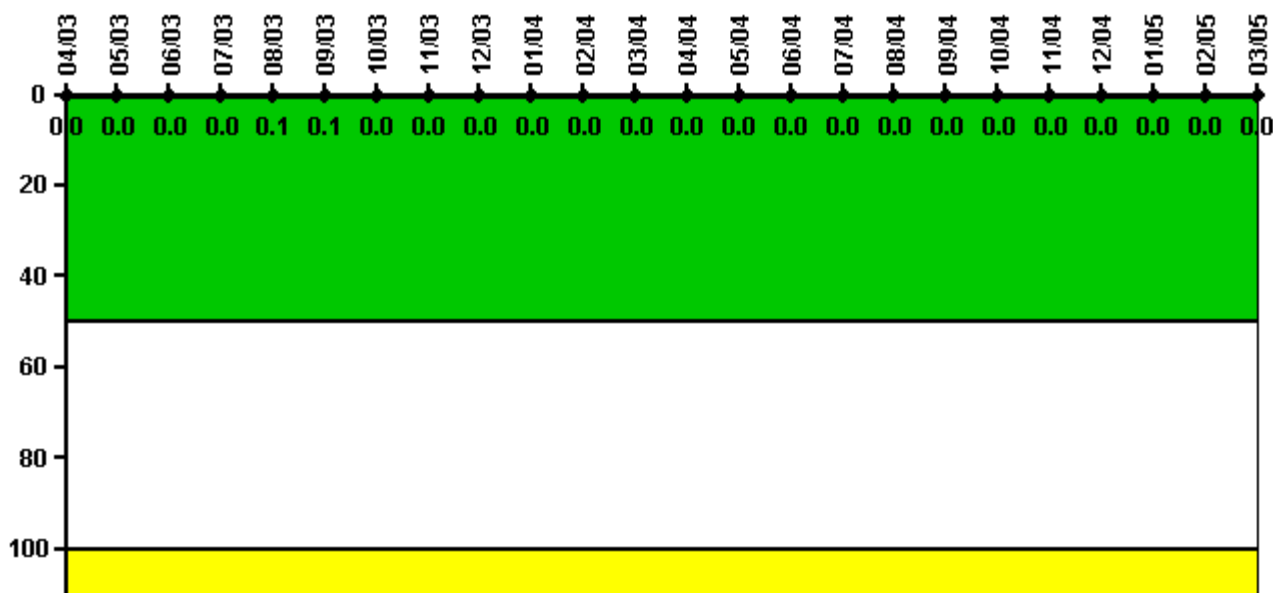
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

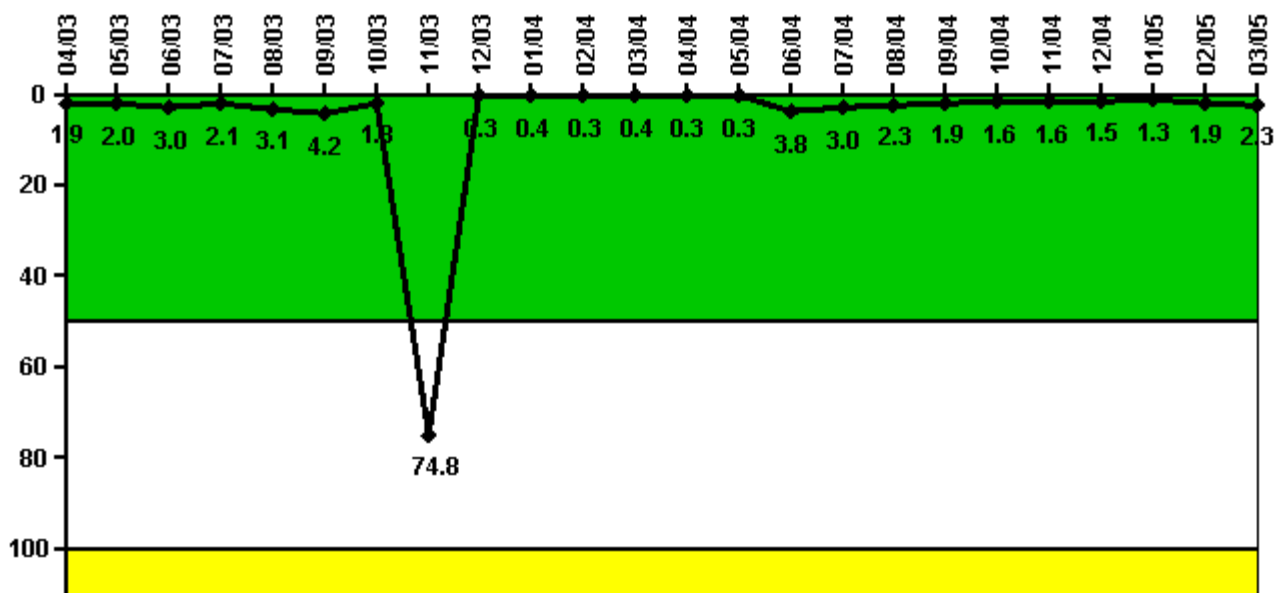
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000219	0.000245	0.000263	0.000238	0.000596	0.000903	0	0.000103	0.000126	0.000140	0.000134	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0	0	0	0	0	0

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

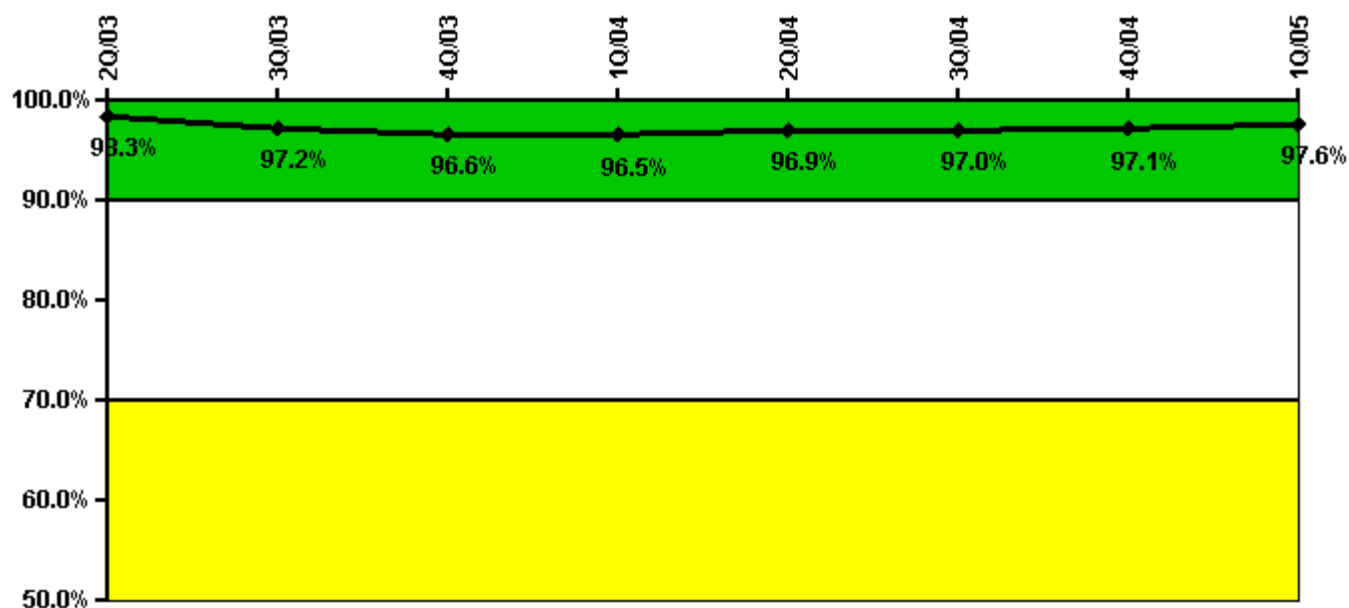
Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.190	0.200	0.300	0.210	0.310	0.420	0.180	7.478	0.030	0.040	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.9	2.0	3.0	2.1	3.1	4.2	1.8	74.8	0.3	0.4	0.3	0.4

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.030	0.030	0.380	0.300	0.230	0.190	0.161	0.157	0.150	0.130	0.190	0.226
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	3.8	3.0	2.3	1.9	1.6	1.6	1.5	1.3	1.9	2.3

Licensee Comments: none

Drill/Exercise Performance



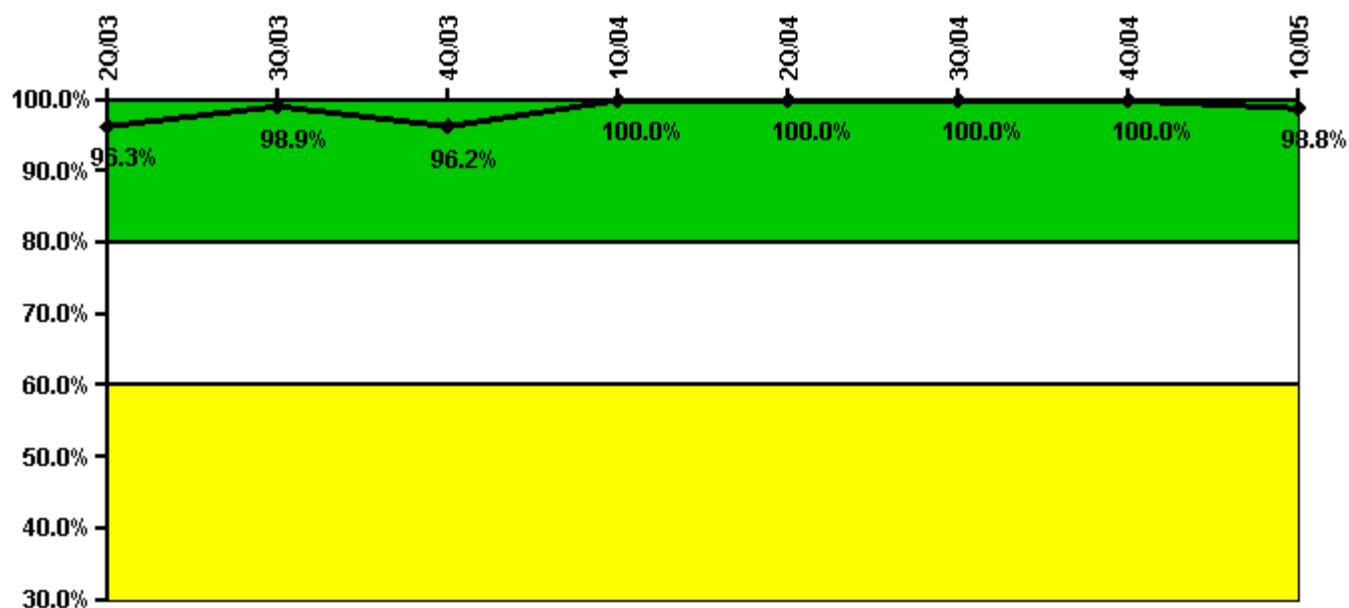
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	13.0	25.0	21.0	13.0	27.0	34.0	48.0	24.0
Total opportunities	13.0	27.0	23.0	13.0	27.0	34.0	49.0	24.0
Indicator value	98.3%	97.2%	96.6%	96.5%	96.9%	97.0%	97.1%	97.6%

Licensee Comments: none

ERO Drill Participation



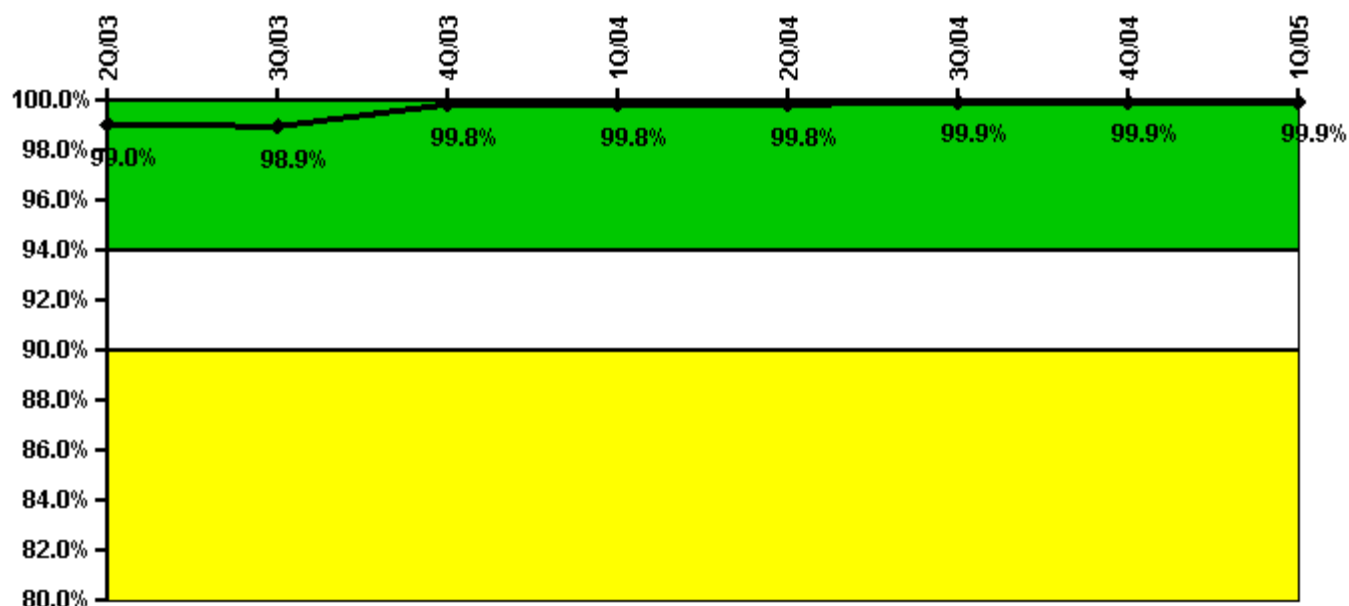
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	77.0	86.0	75.0	82.0	78.0	78.0	79.0	81.0
Total Key personnel	80.0	87.0	78.0	82.0	78.0	78.0	79.0	82.0
Indicator value	96.3%	98.9%	96.2%	100.0%	100.0%	100.0%	100.0%	98.8%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	846	723	846	725	846	725	846	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.0%	98.9%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



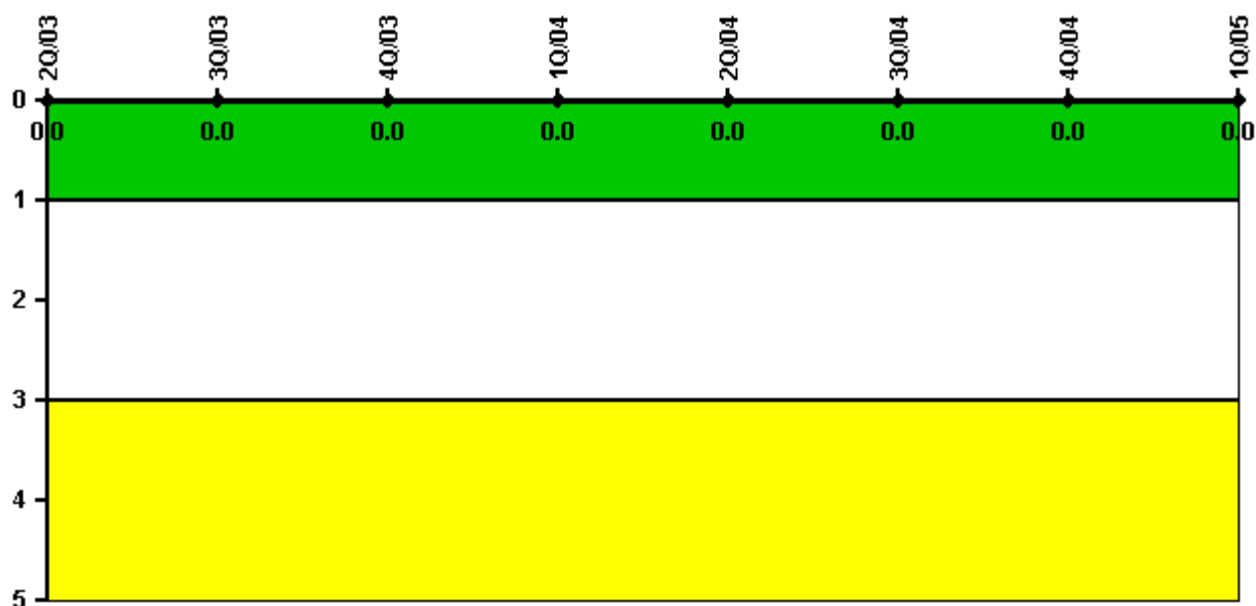
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

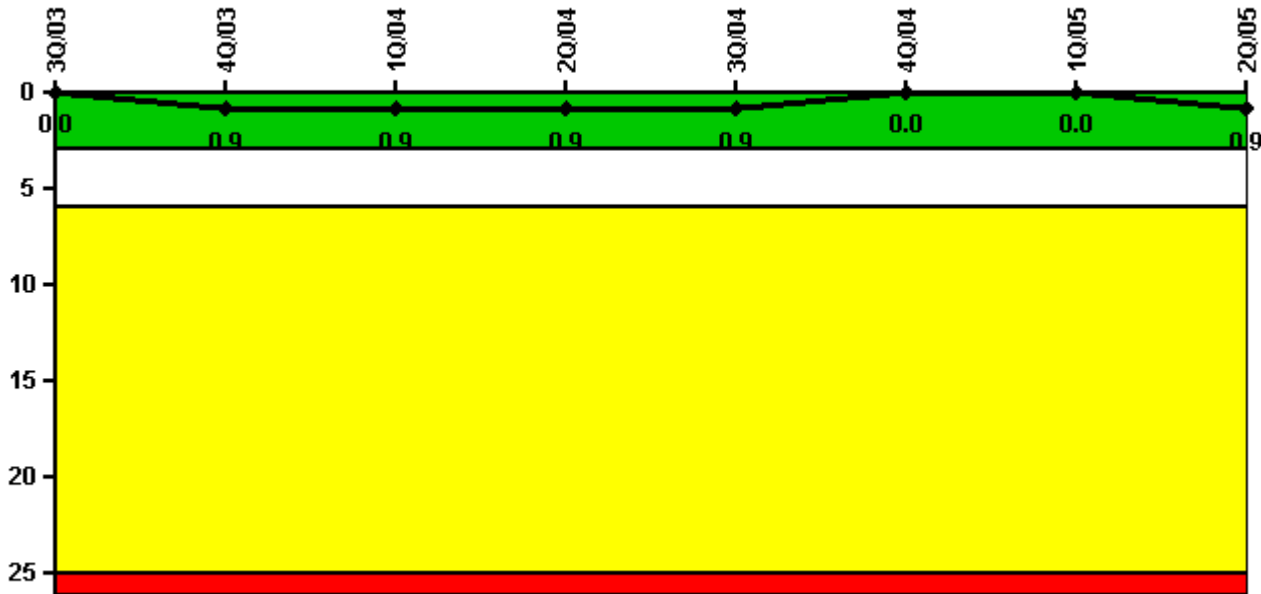
Last Modified: June 17, 2005

Seabrook 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

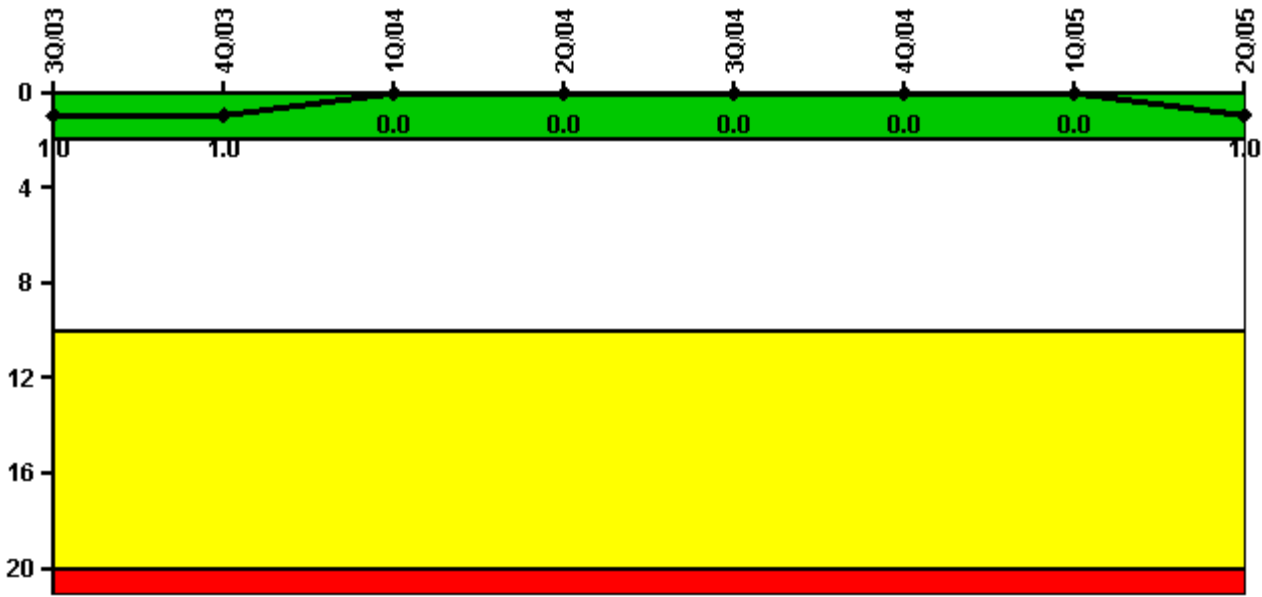
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	1.0	0	0	0	0	0	1.0
Critical hours	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0.9

Licensee Comments:

2Q/05: FAQ will be submitted for May 2005 scram.

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

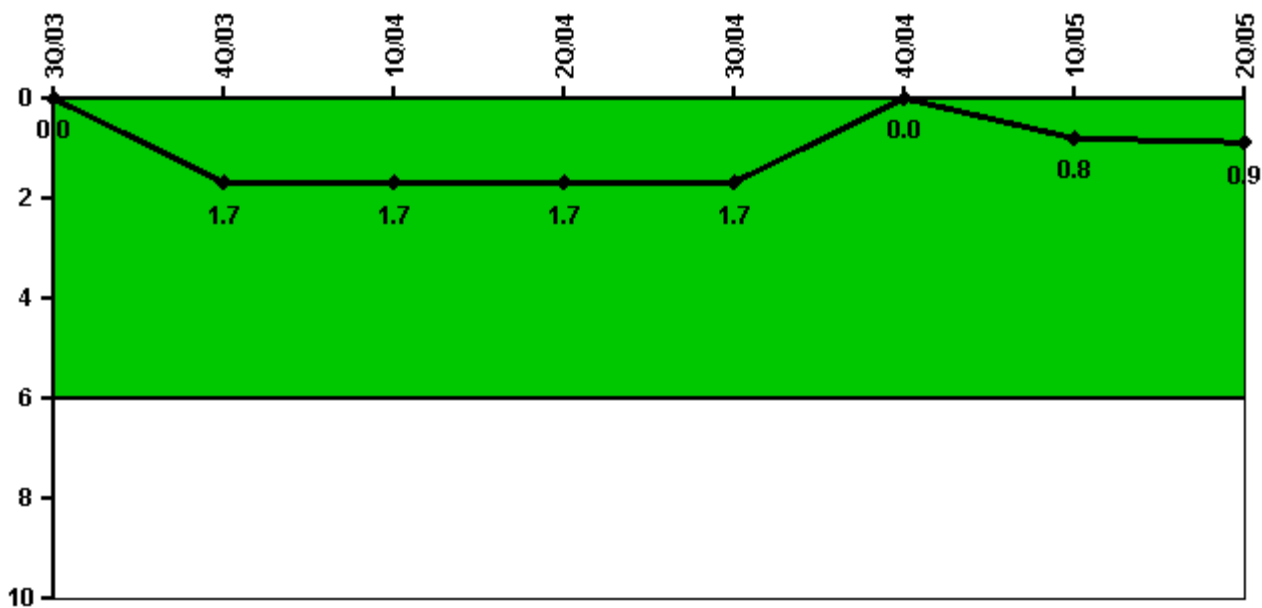
Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	1.0	1.0	0	0	0	0	0	1.0

Licensee Comments:

2Q/05: FAQ will be submitted for May 2005 scram with loss of normal heat removal.

Unplanned Power Changes per 7000 Critical Hrs



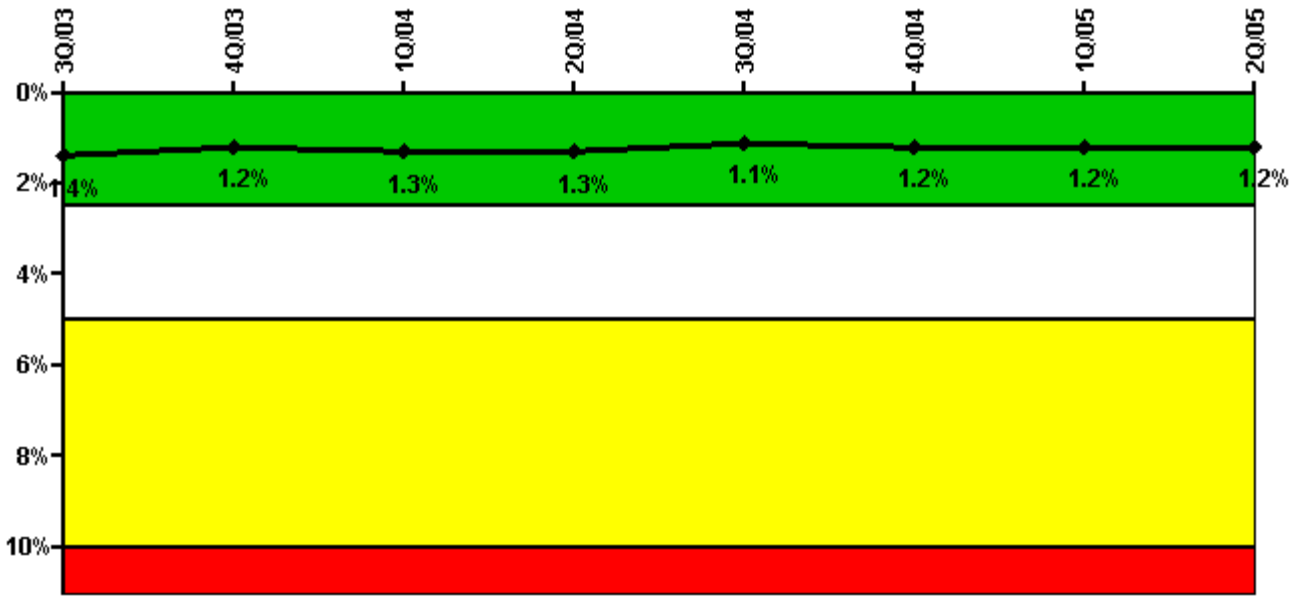
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	2.0	0	0	0	0	1.0	0
Critical hours	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0
Indicator value	0	1.7	1.7	1.7	1.7	0	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

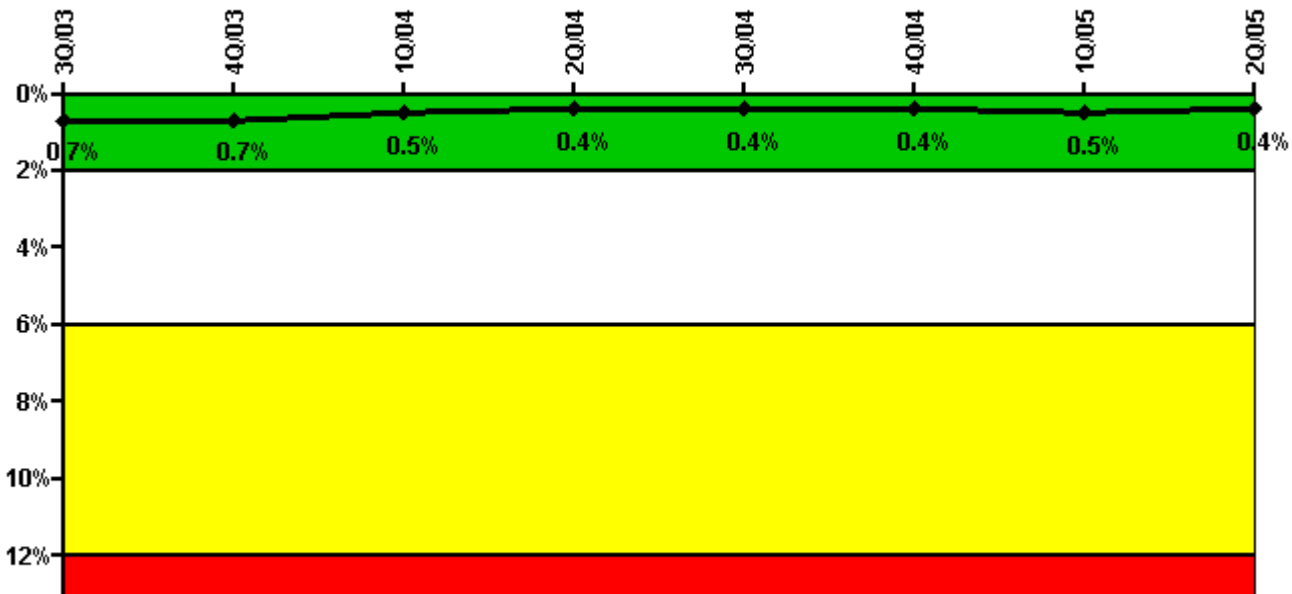
Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.50	3.43	6.48	31.42	1.63	3.37	35.09	0.63
Unplanned unavailable hours	0	13.55	17.03	18.28	0.63	0	16.55	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00
Train 2								
Planned unavailable hours	25.30	1.98	29.32	10.19	5.47	37.18	6.24	2.68
Unplanned unavailable hours	7.87	0	0	4.98	0	0	0	64.92
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00
Indicator value	1.4%	1.2%	1.3%	1.3%	1.1%	1.2%	1.2%	1.2%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



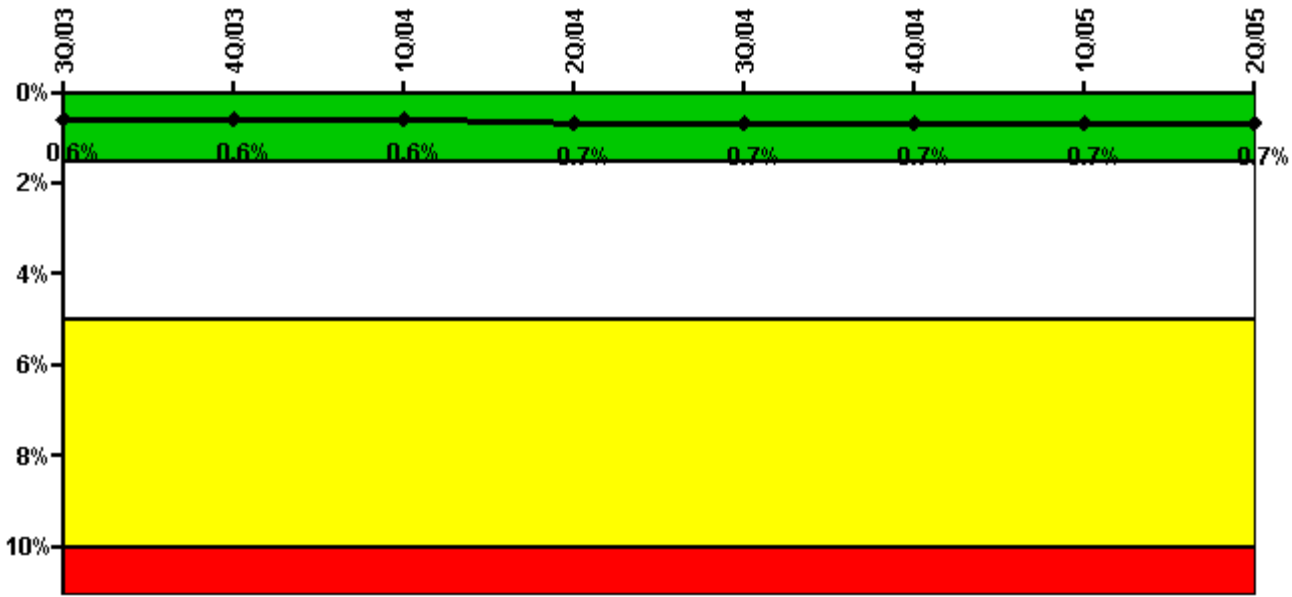
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	3.21	5.49	3.56	13.08	10.97	24.08	11.26	17.73
Unplanned unavailable hours	0	14.78	0	8.03	0	0	8.97	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00
Train 2								
Planned unavailable hours	1.62	4.10	2.22	1.60	4.27	16.98	2.37	1.32
Unplanned unavailable hours	0	11.61	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00
Indicator value	0.7%	0.7%	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



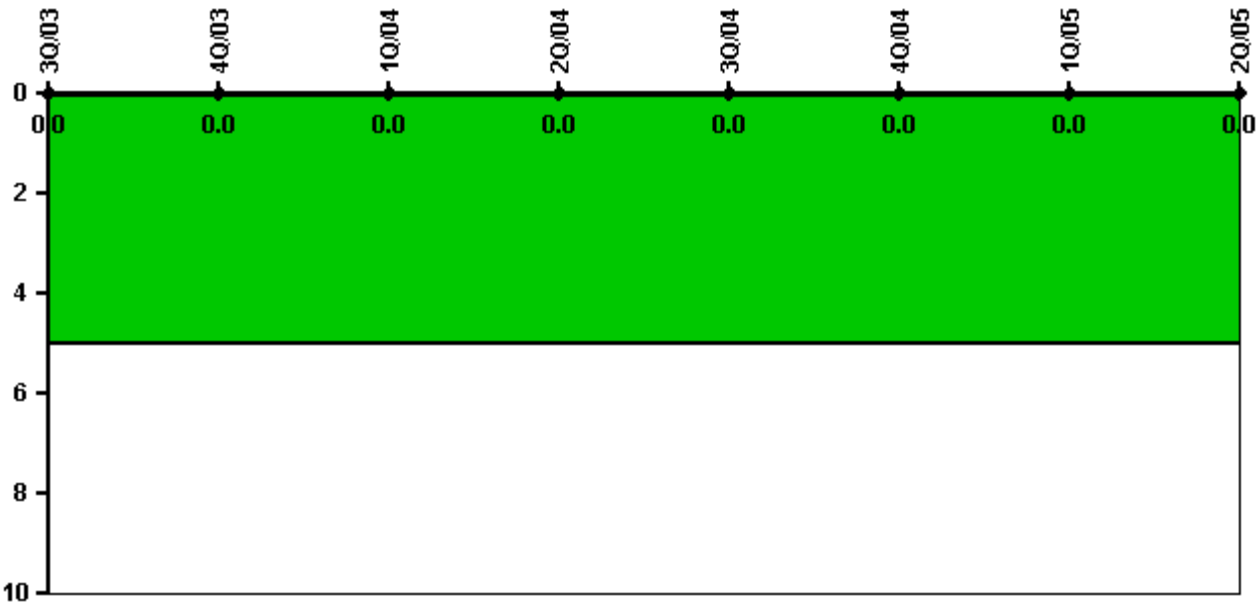
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	29.49	5.30	6.54	40.93	7.67	39.81	6.33	7.45
Unplanned unavailable hours	0	0	0	0	0	0	9.57	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	24.69	1.28	25.50	20.39	4.52	4.94	9.21	5.82
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



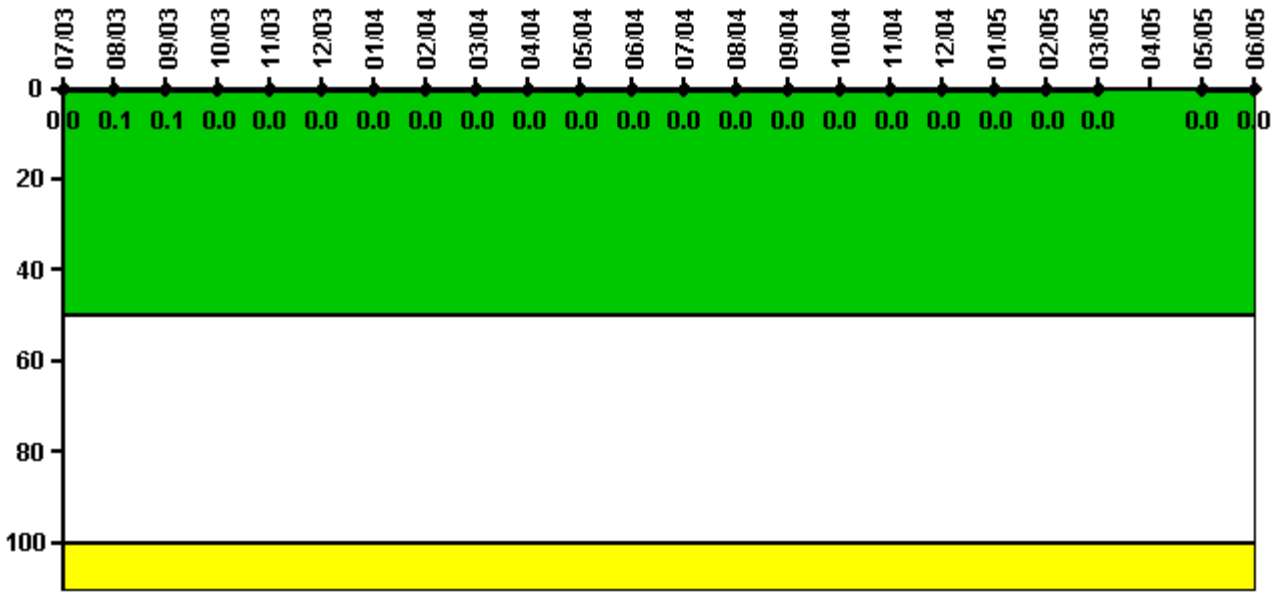
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

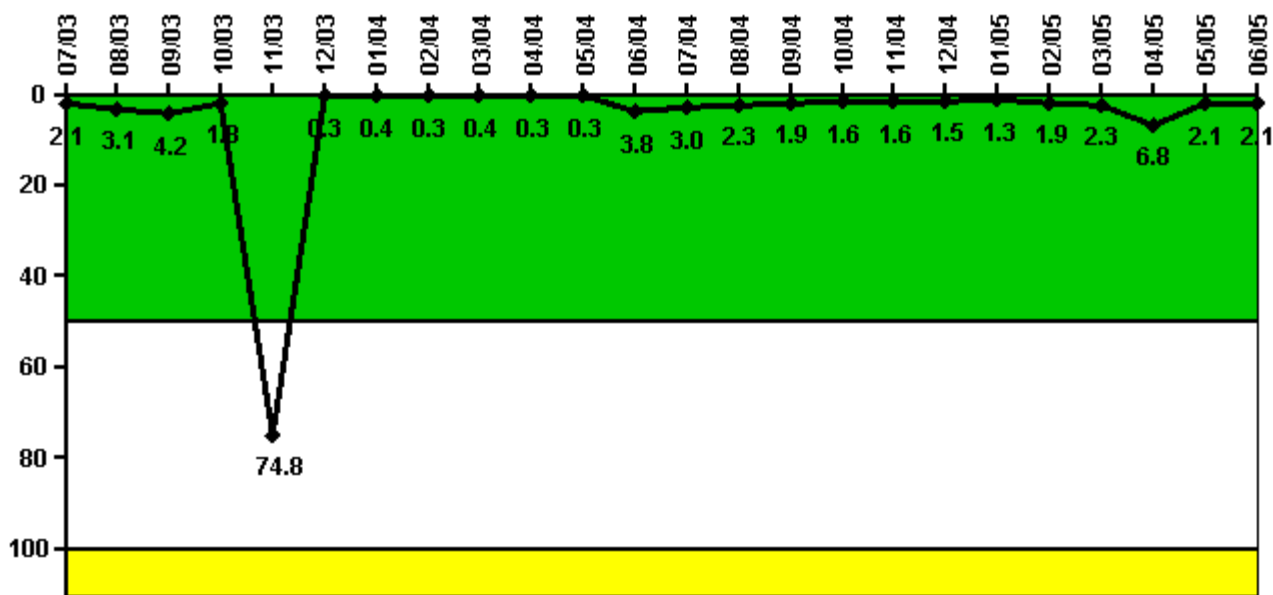
Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000238	0.000596	0.000903	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

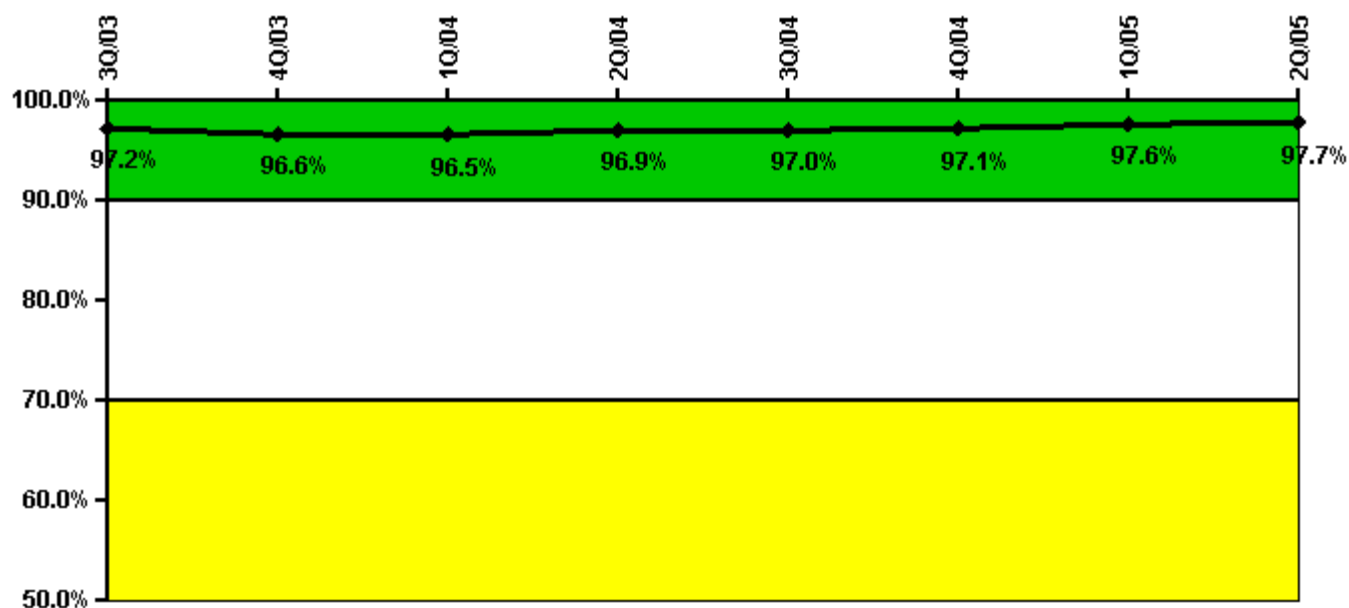
Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.210	0.310	0.420	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	3.1	4.2	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.300	0.230	0.190	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.0	2.3	1.9	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1

Licensee Comments: none

Drill/Exercise Performance



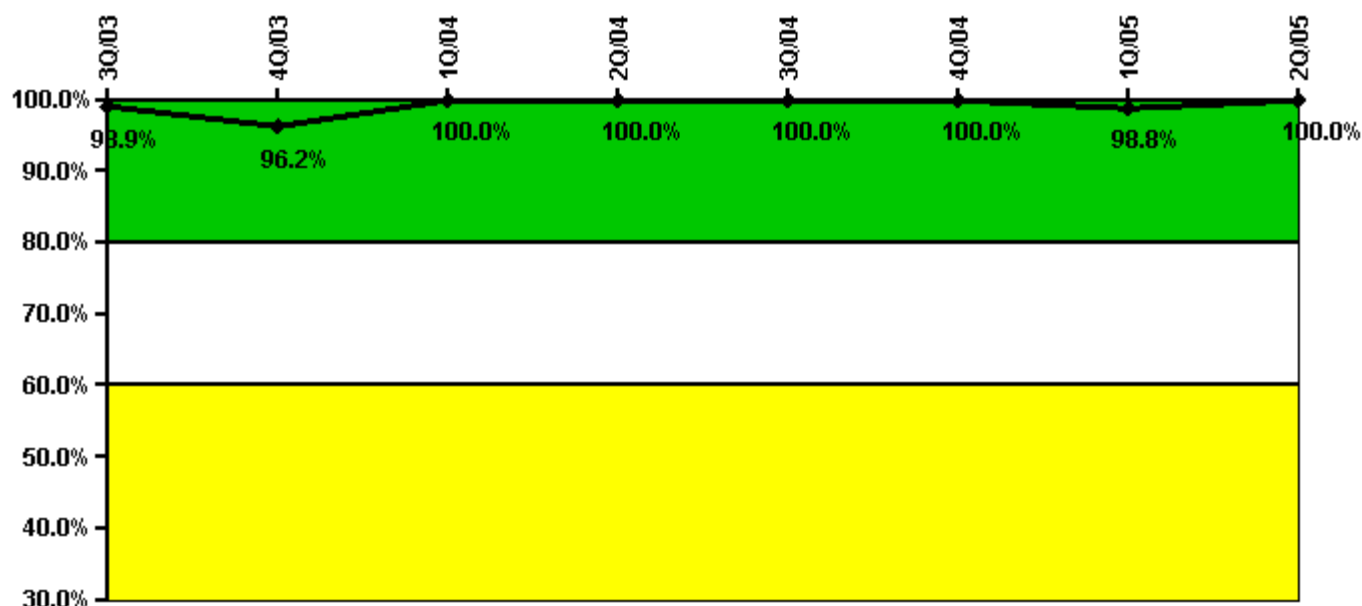
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	25.0	21.0	13.0	27.0	34.0	48.0	24.0	22.0
Total opportunities	27.0	23.0	13.0	27.0	34.0	49.0	24.0	22.0
Indicator value	97.2%	96.6%	96.5%	96.9%	97.0%	97.1%	97.6%	97.7%

Licensee Comments: none

ERO Drill Participation



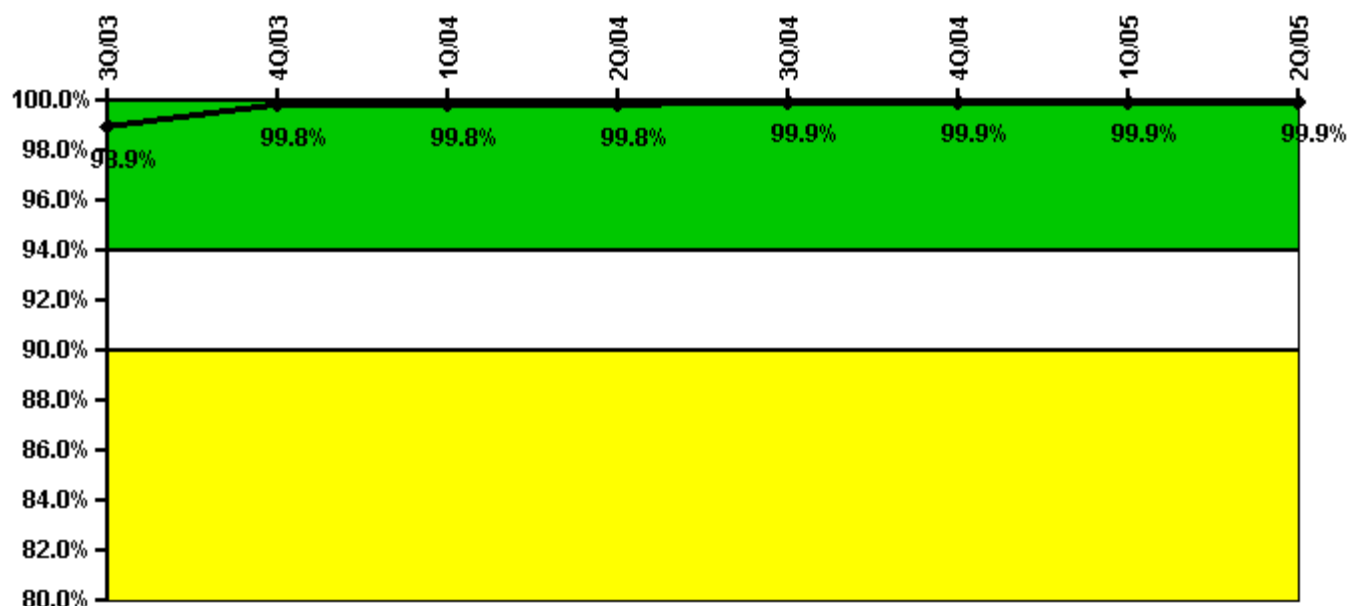
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	86.0	75.0	82.0	78.0	78.0	79.0	81.0	91.0
Total Key personnel	87.0	78.0	82.0	78.0	78.0	79.0	82.0	91.0
Indicator value	98.9%	96.2%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%

Licensee Comments: none

Alert & Notification System



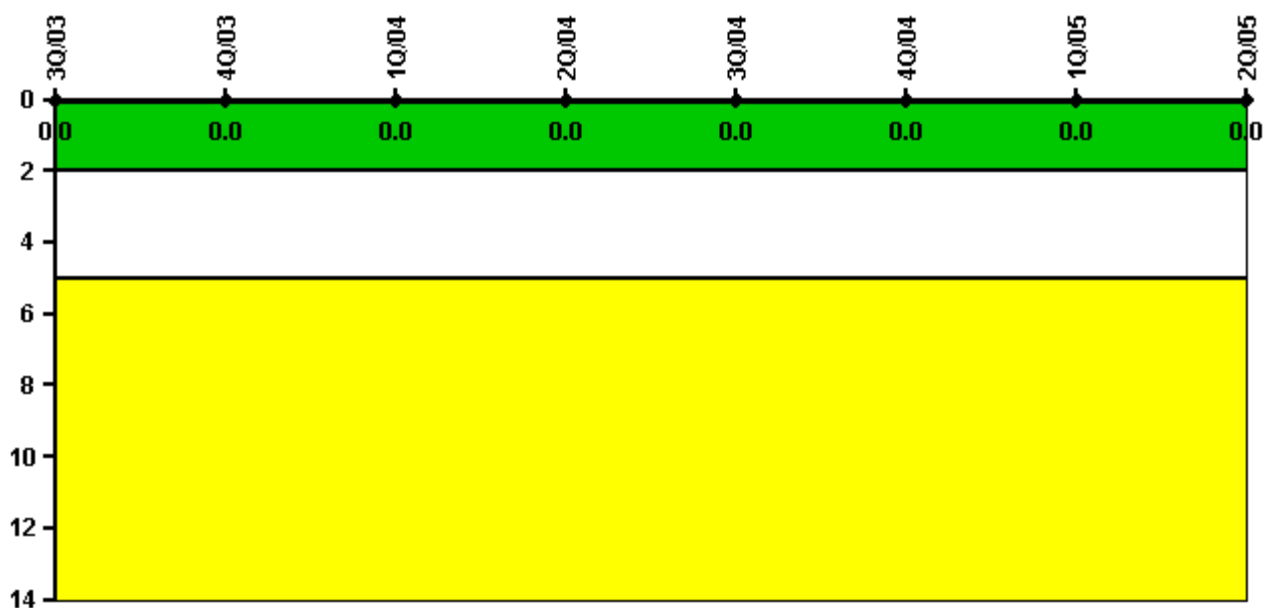
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	723	846	725	846	725	846	726	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	98.9%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

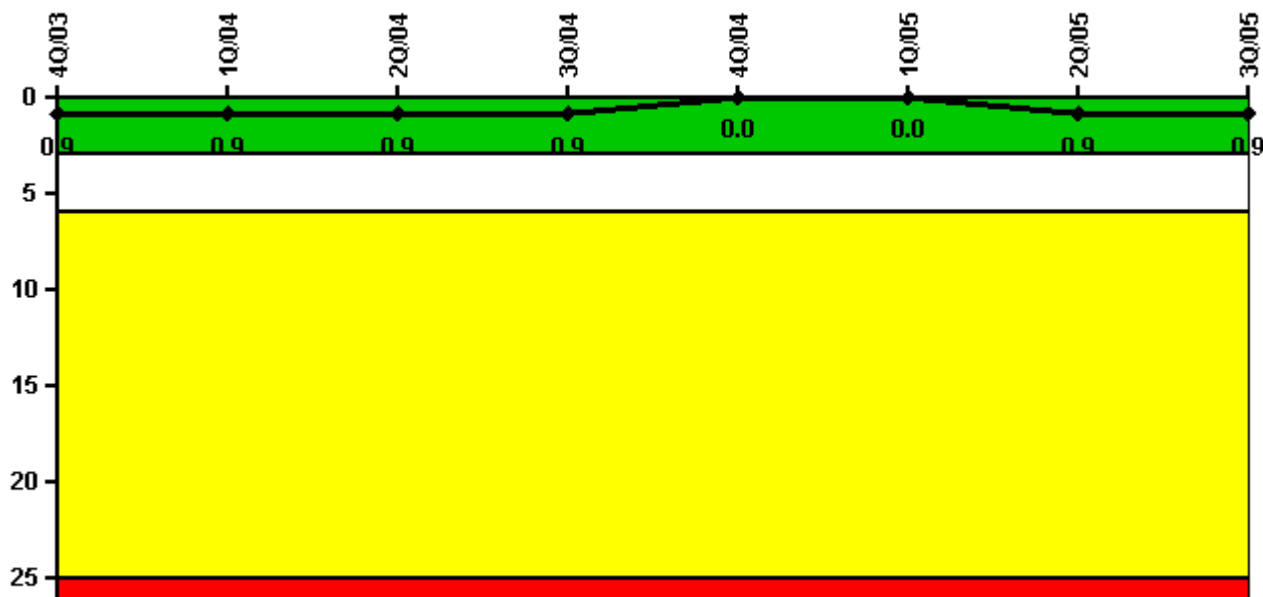
Last Modified: August 3, 2005

Seabrook 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



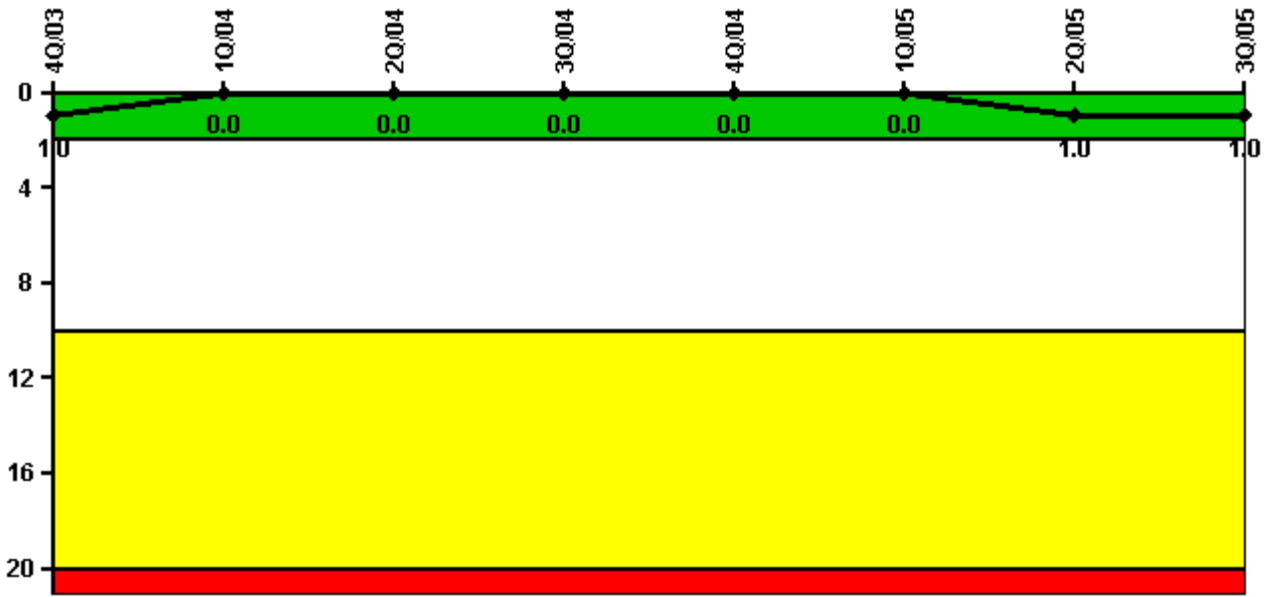
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	1.0	0	0	0	0	0	1.0	0
Critical hours	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



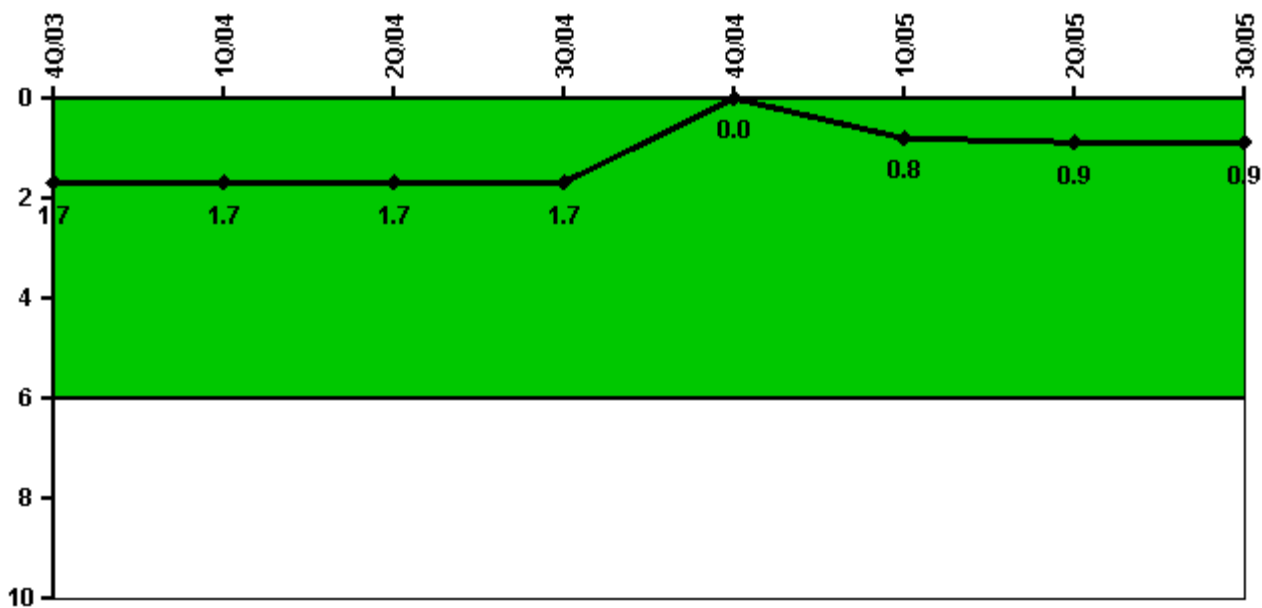
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	1.0	0	0	0	0	0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



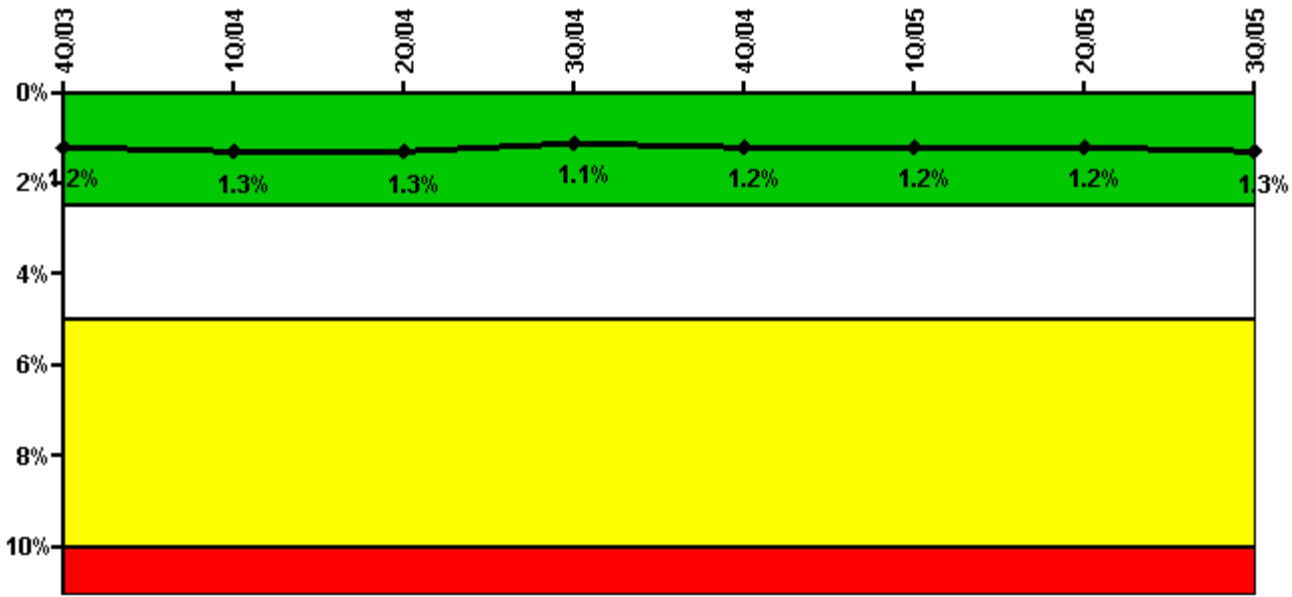
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	2.0	0	0	0	0	1.0	0	0
Critical hours	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0
Indicator value	1.7	1.7	1.7	1.7	0	0.8	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

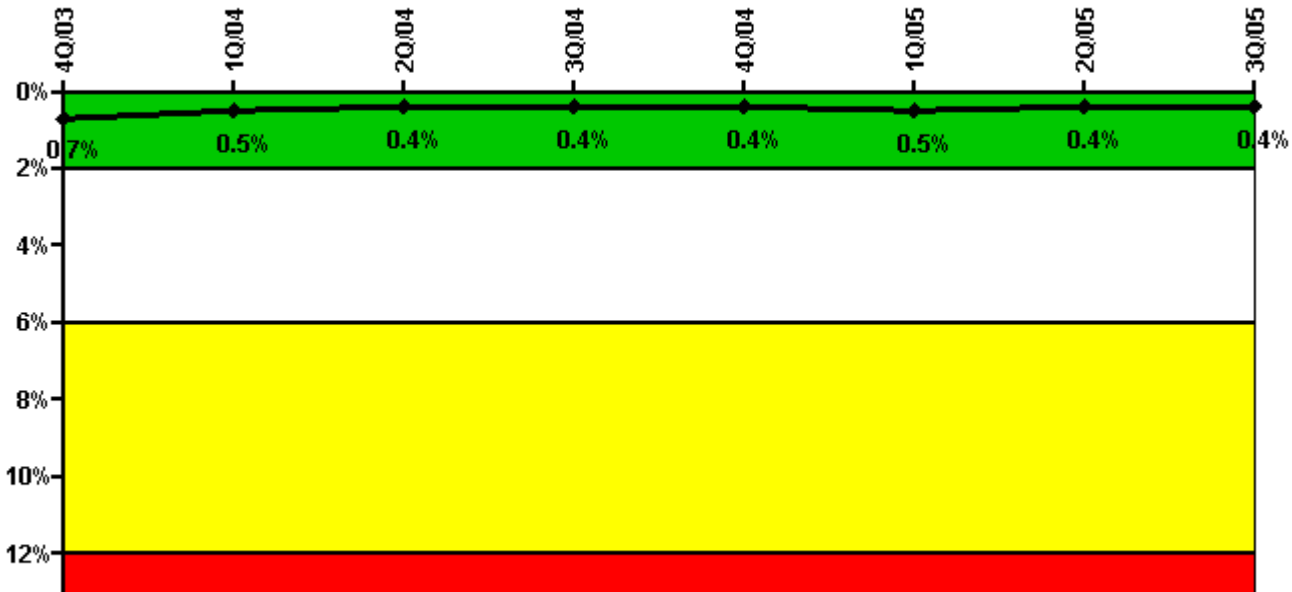
Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.43	6.48	31.42	1.63	3.37	35.09	0.63	115.85
Unplanned unavailable hours	13.55	17.03	18.28	0.63	0	16.55	0	5.68
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00
Train 2								
Planned unavailable hours	1.98	29.32	10.19	5.47	37.18	6.24	2.68	27.69
Unplanned unavailable hours	0	0	4.98	0	0	0	64.92	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00
Indicator value	1.2%	1.3%	1.3%	1.1%	1.2%	1.2%	1.2%	1.3%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



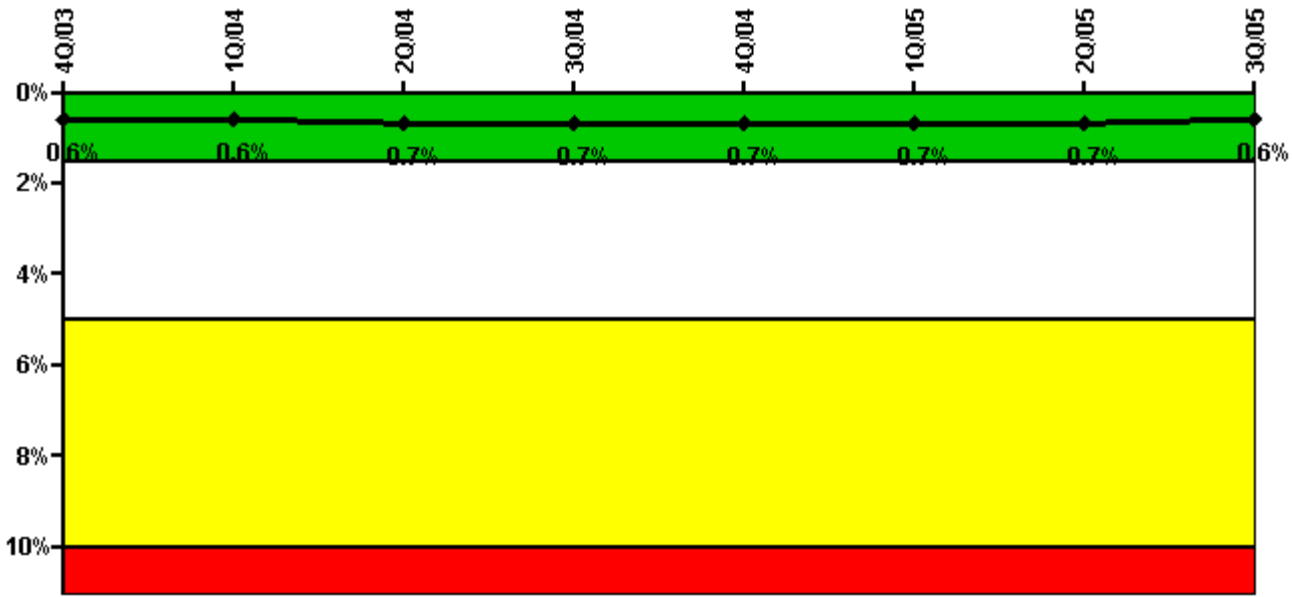
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.49	3.56	13.08	10.97	24.08	11.26	17.73	3.32
Unplanned unavailable hours	14.78	0	8.03	0	0	8.97	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00
Train 2								
Planned unavailable hours	4.10	2.22	1.60	4.27	16.98	2.37	1.32	7.25
Unplanned unavailable hours	11.61	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00
Indicator value	0.7%	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



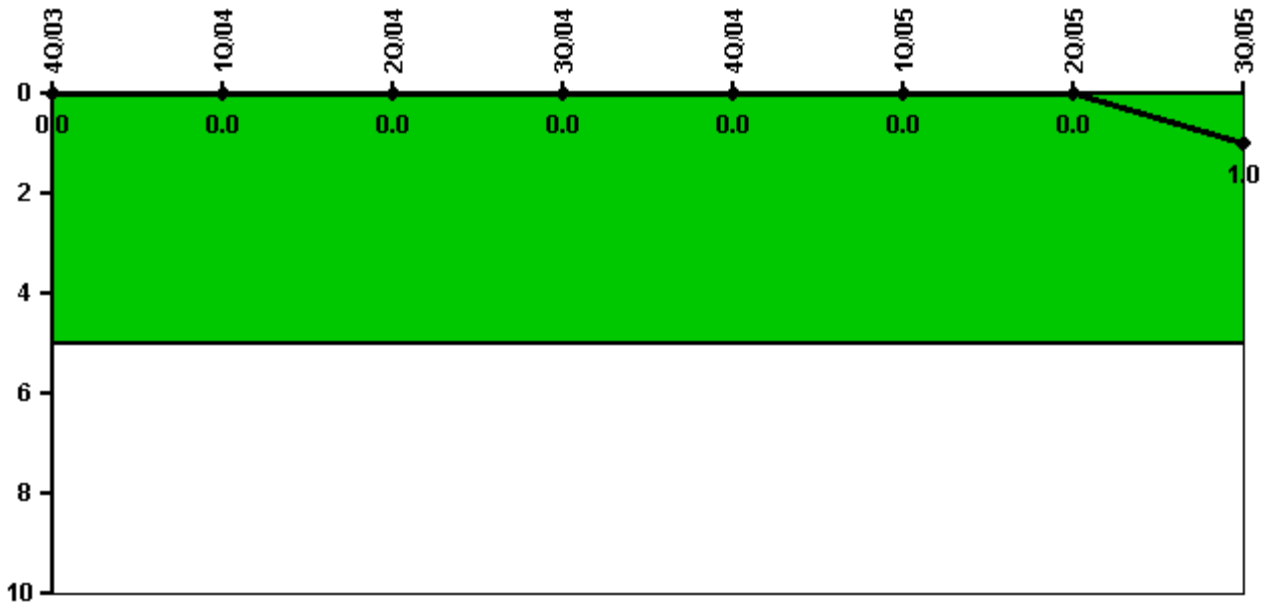
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.30	6.54	40.93	7.67	39.81	6.33	7.45	10.45
Unplanned unavailable hours	0	0	0	0	0	9.57	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.28	25.50	20.39	4.52	4.94	9.21	5.82	13.87
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

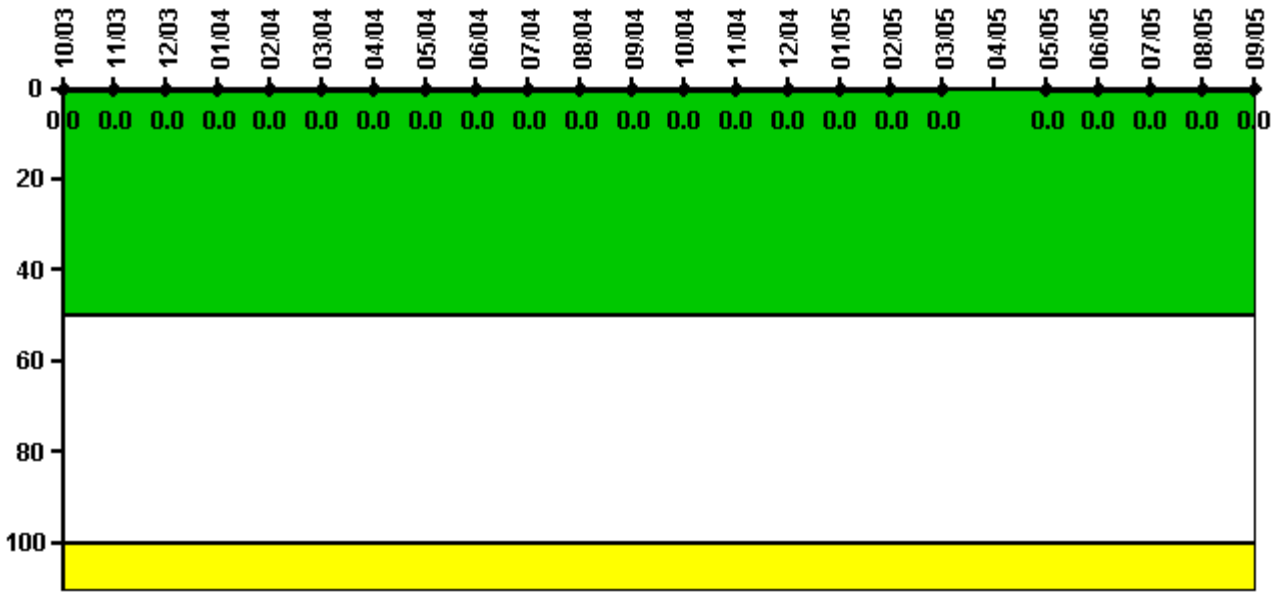
Notes

Safety System Functional Failures (PWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

3Q/05: LER 2005-007 submitted August 31, 2005 for the 2005-08 SSFF

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

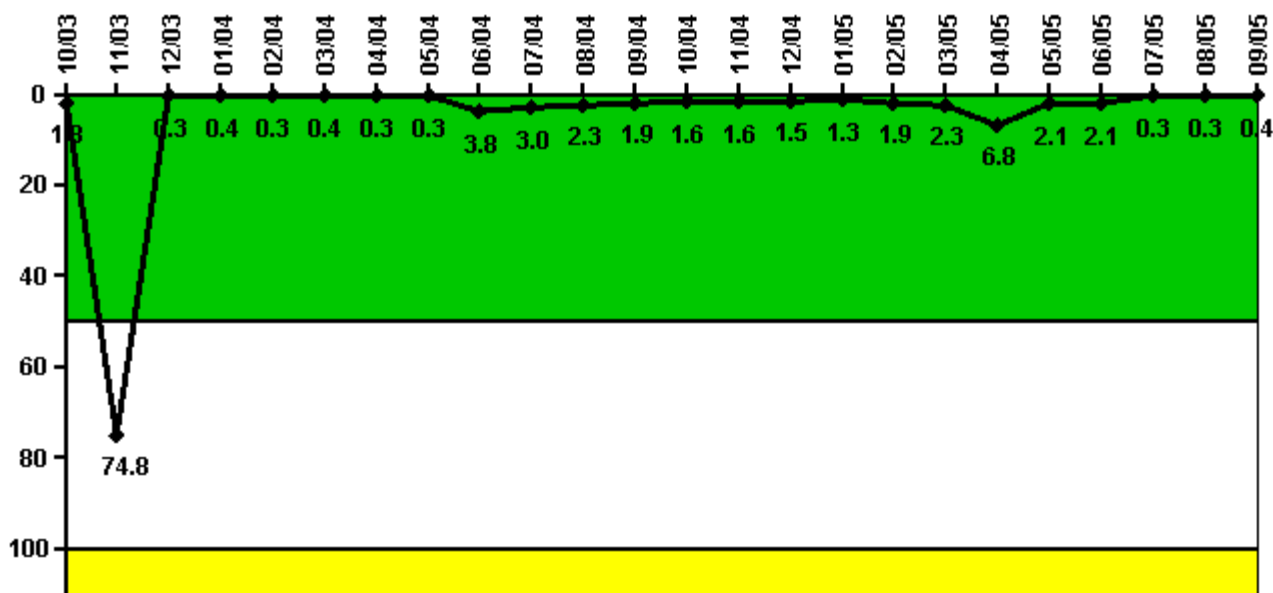
Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

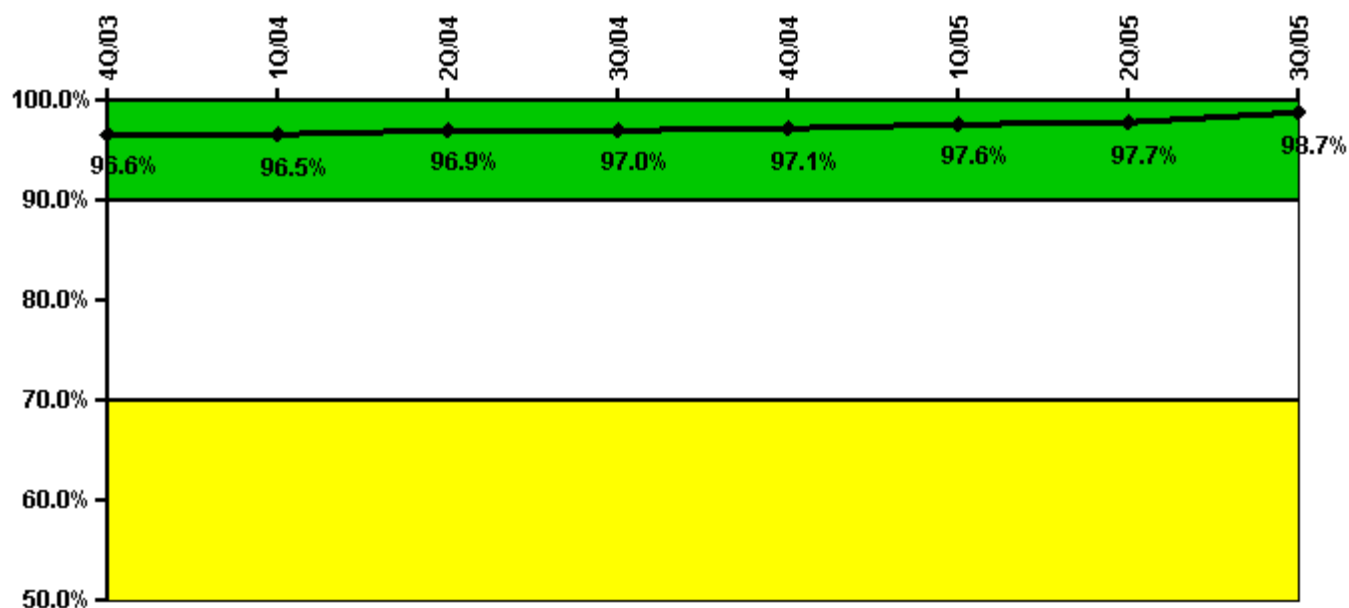
Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380	0.300	0.230	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8	3.0	2.3	1.9

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



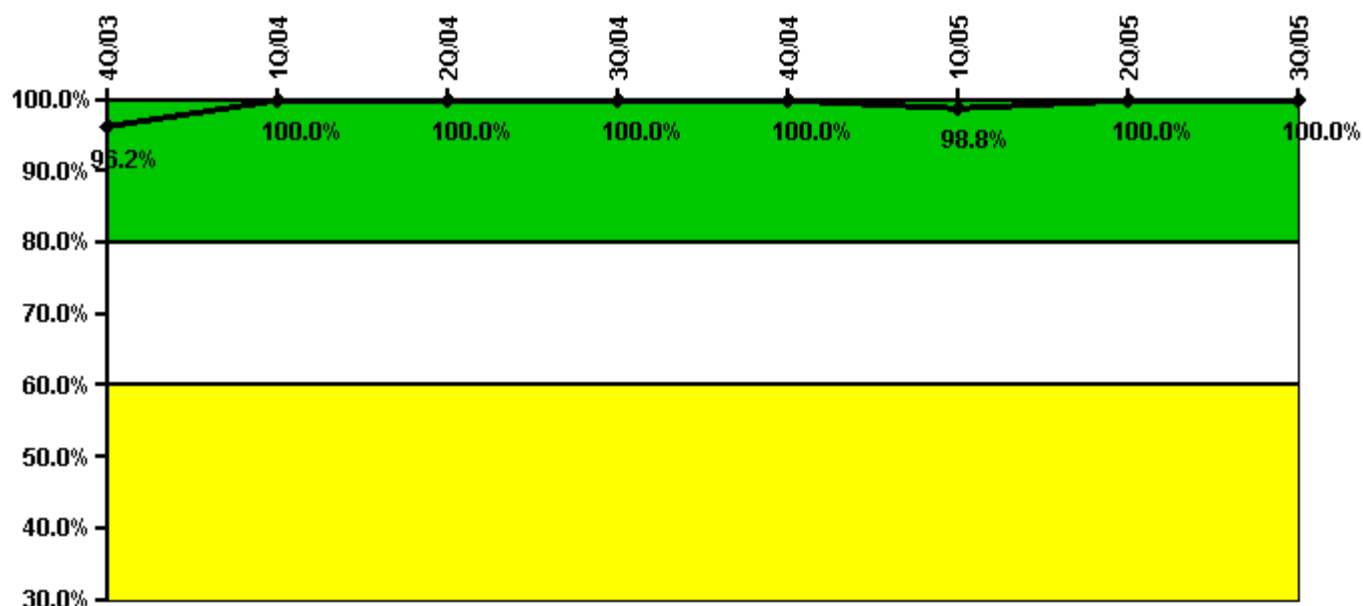
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	21.0	13.0	27.0	34.0	48.0	24.0	22.0	41.0
Total opportunities	23.0	13.0	27.0	34.0	49.0	24.0	22.0	41.0
Indicator value	96.6%	96.5%	96.9%	97.0%	97.1%	97.6%	97.7%	98.7%

Licensee Comments: none

ERO Drill Participation



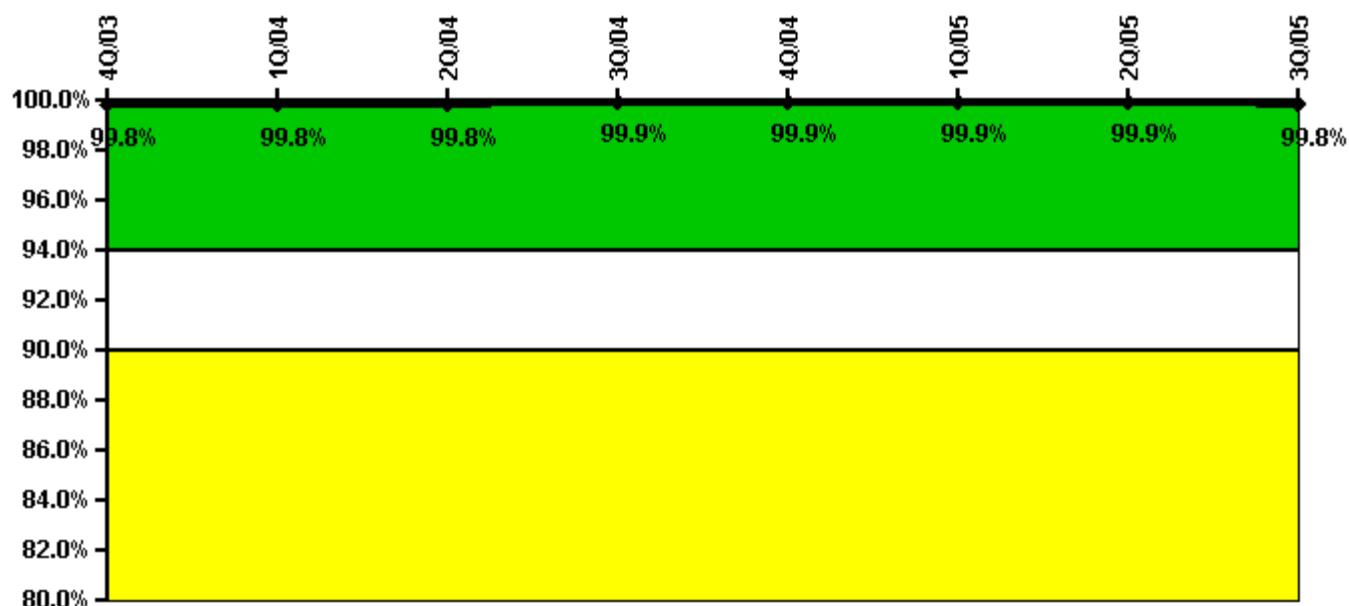
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	75.0	82.0	78.0	78.0	79.0	81.0	91.0	80.0
Total Key personnel	78.0	82.0	78.0	78.0	79.0	82.0	91.0	80.0
Indicator value	96.2%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



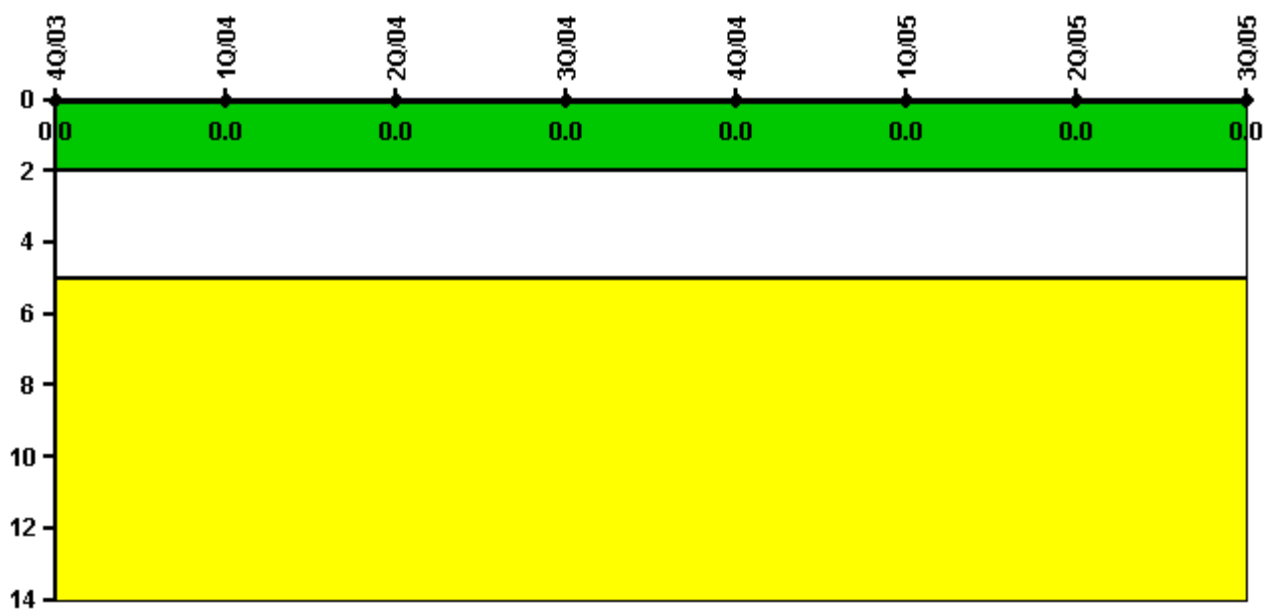
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	846	725	846	725	846	726	846	721
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



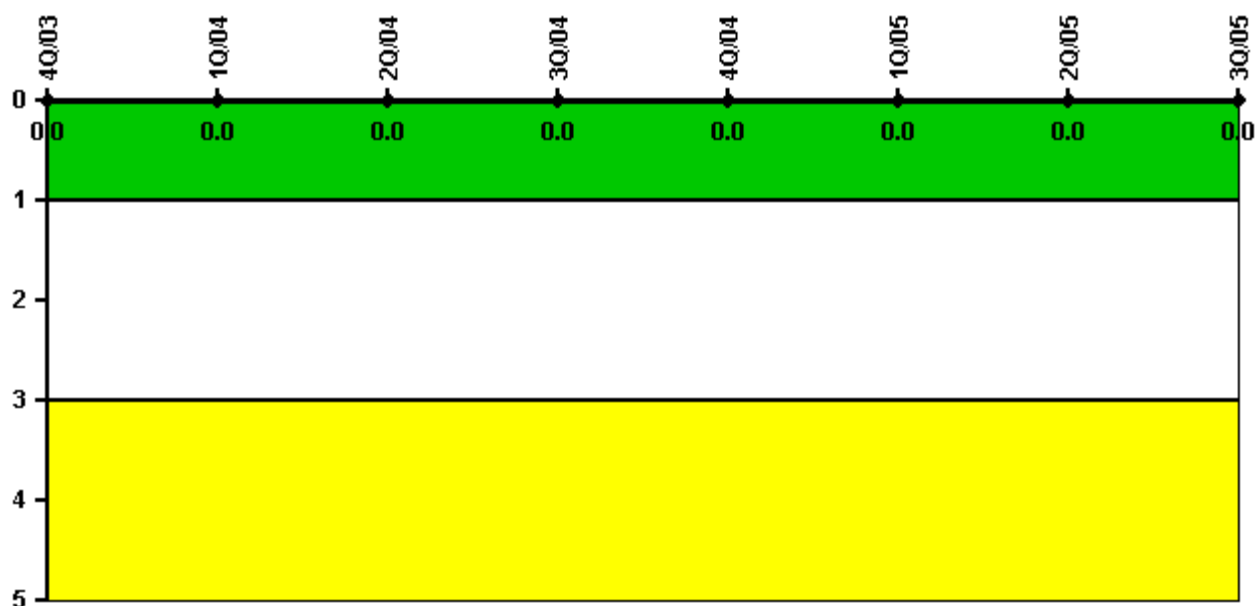
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

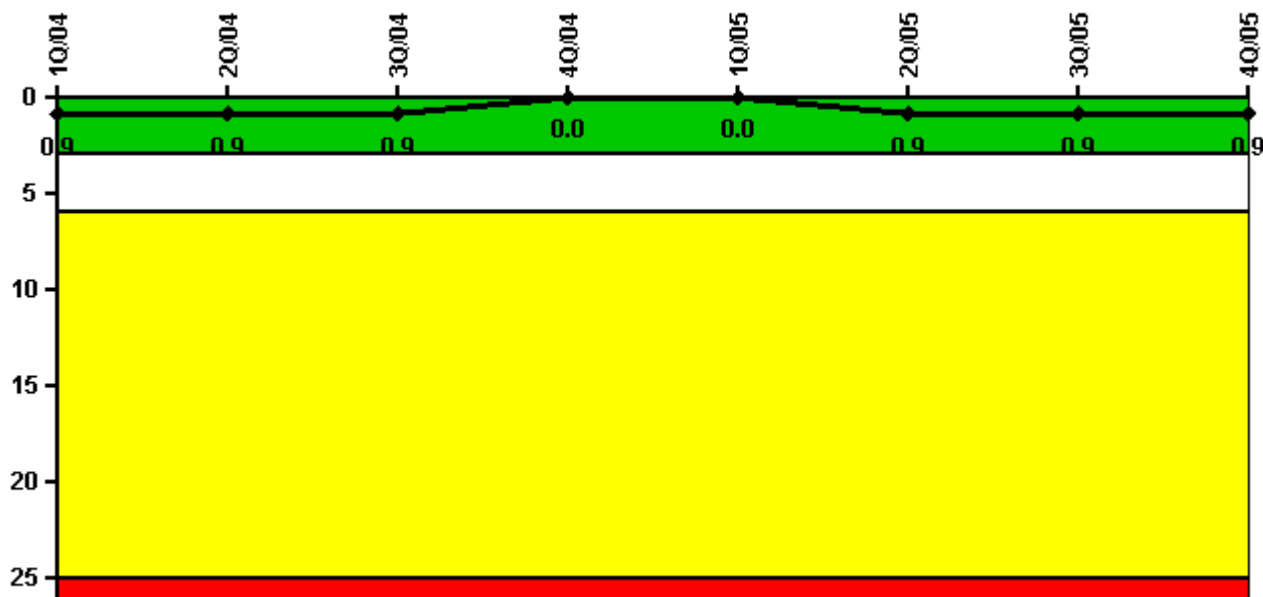
Last Modified: November 3, 2005

Seabrook 1

4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



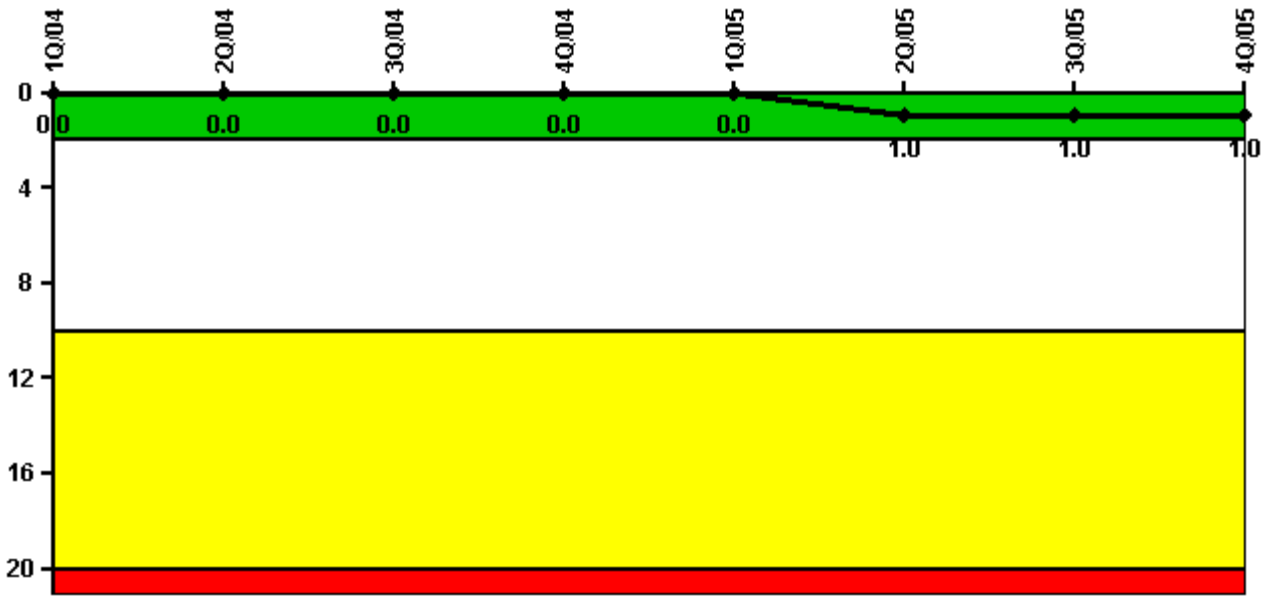
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



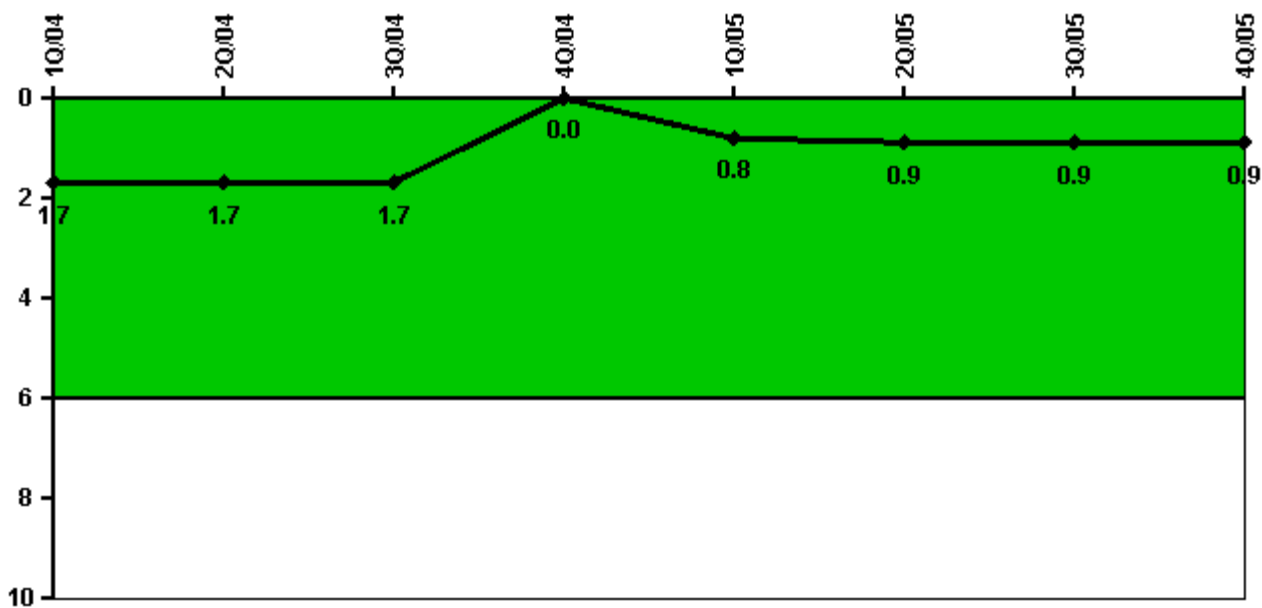
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	0	0	0	0	0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



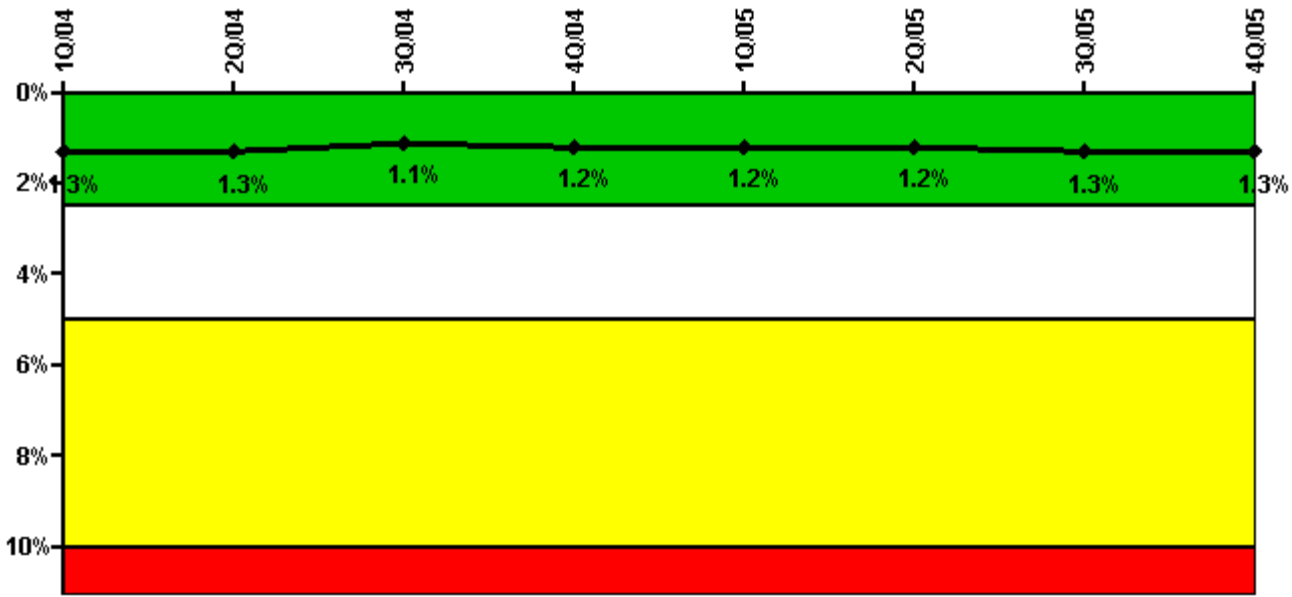
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0
Indicator value	1.7	1.7	1.7	0	0.8	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

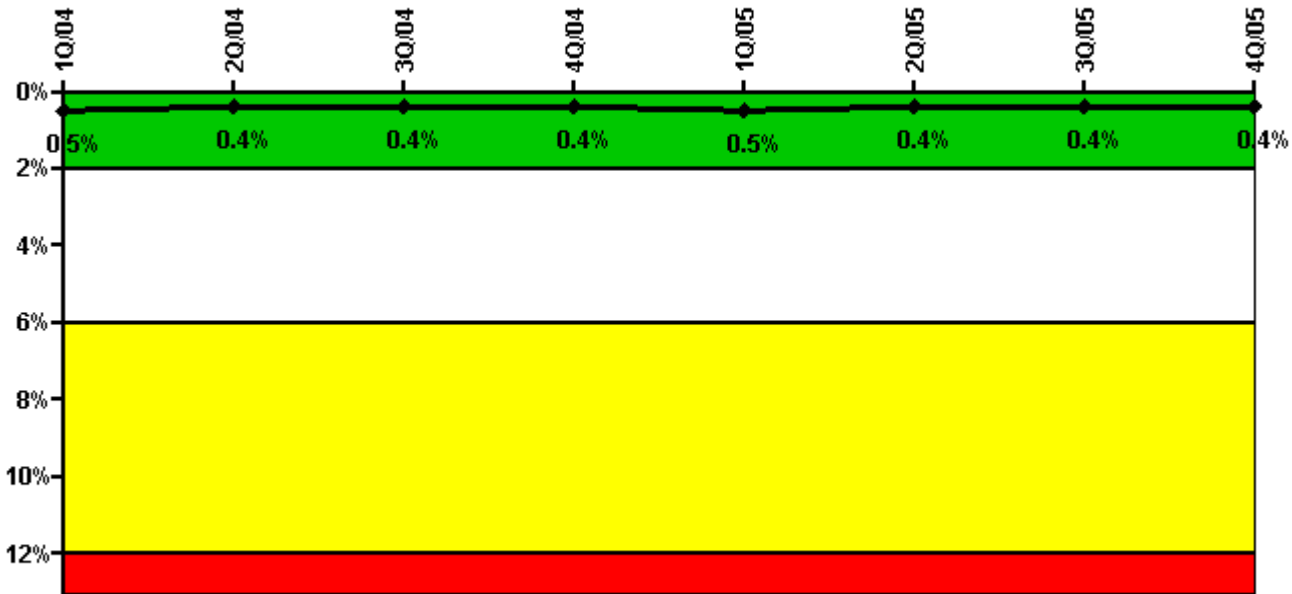
Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	6.48	31.42	1.63	3.37	35.09	0.63	115.85	28.92
Unplanned unavailable hours	17.03	18.28	0.63	0	16.55	0	5.68	7.73
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00	2209.00
Train 2								
Planned unavailable hours	29.32	10.19	5.47	37.18	6.24	2.68	27.69	3.32
Unplanned unavailable hours	0	4.98	0	0	0	64.92	0	11.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00	2209.00
Indicator value	1.3%	1.3%	1.1%	1.2%	1.2%	1.2%	1.3%	1.3%

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



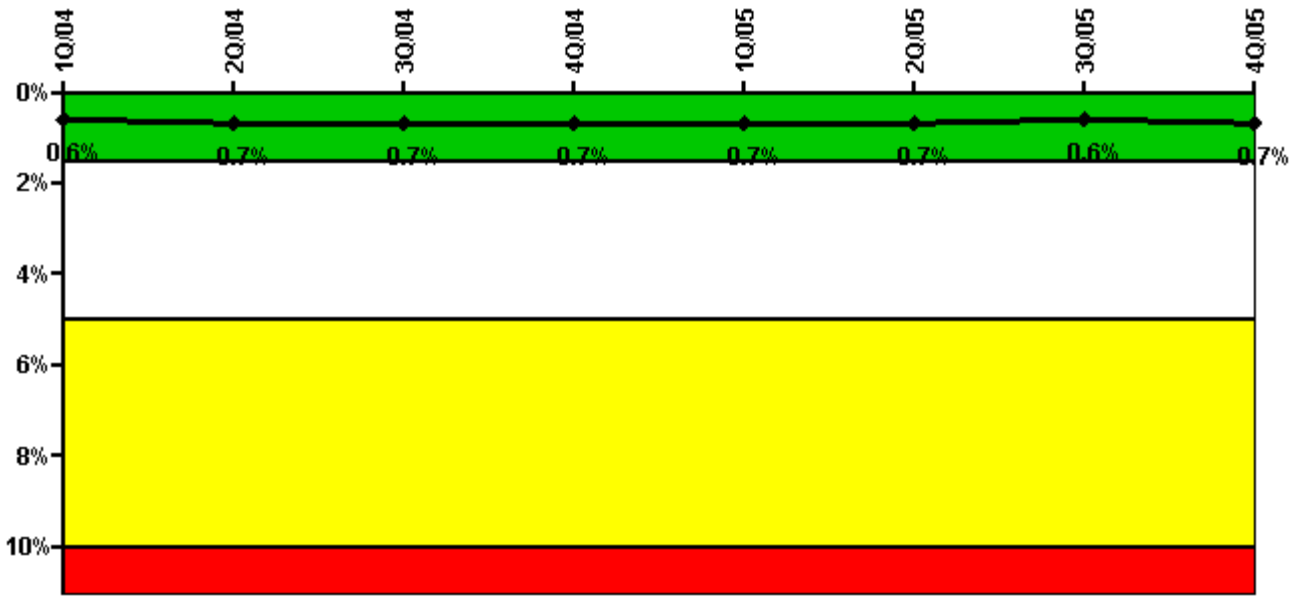
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	3.56	13.08	10.97	24.08	11.26	17.73	3.32	7.05
Unplanned unavailable hours	0	8.03	0	0	8.97	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00
Train 2								
Planned unavailable hours	2.22	1.60	4.27	16.98	2.37	1.32	7.25	3.36
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00
Indicator value	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



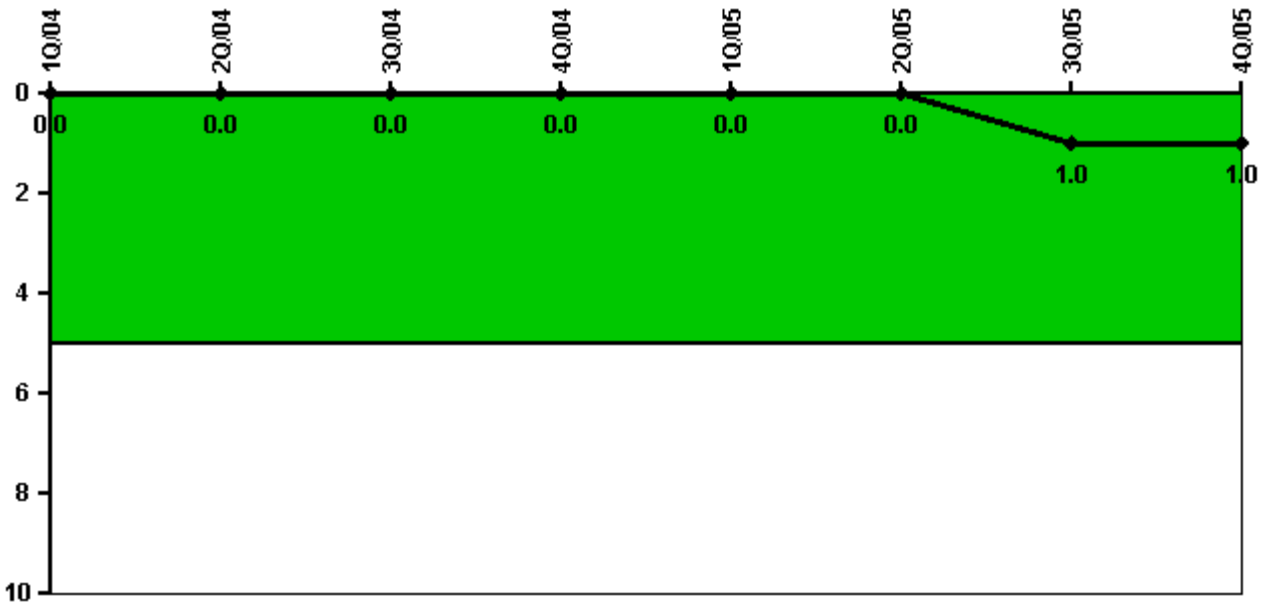
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	6.54	40.93	7.67	39.81	6.33	7.45	10.45	19.37
Unplanned unavailable hours	0	0	0	0	9.57	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	25.50	20.39	4.52	4.94	9.21	5.82	13.87	7.29
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



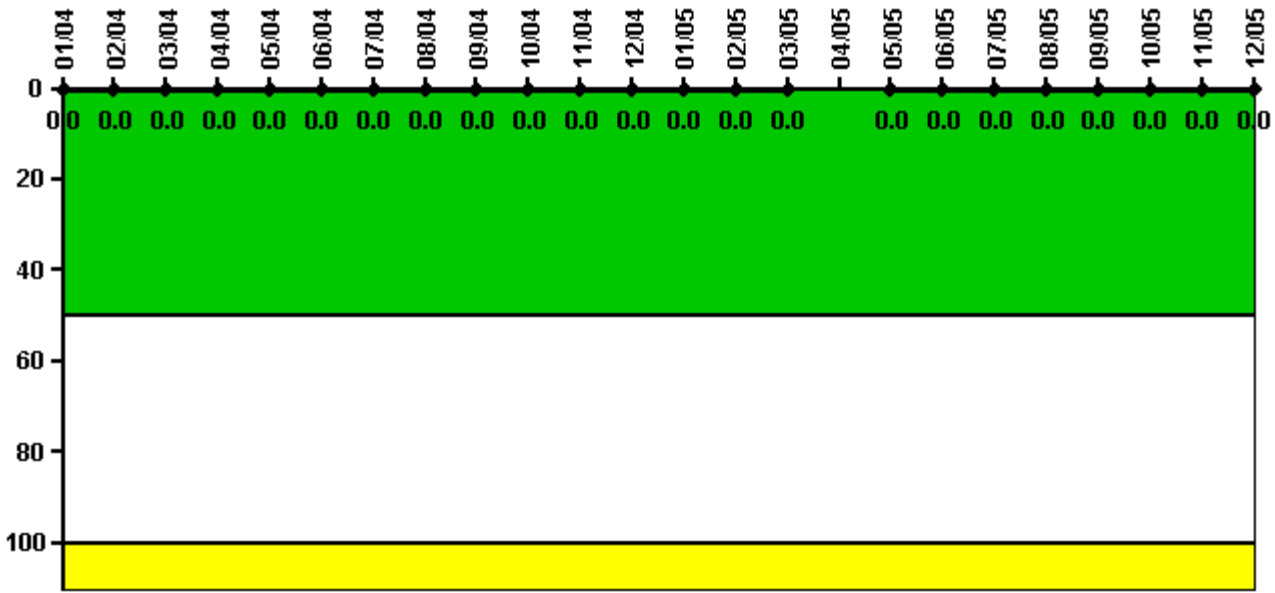
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



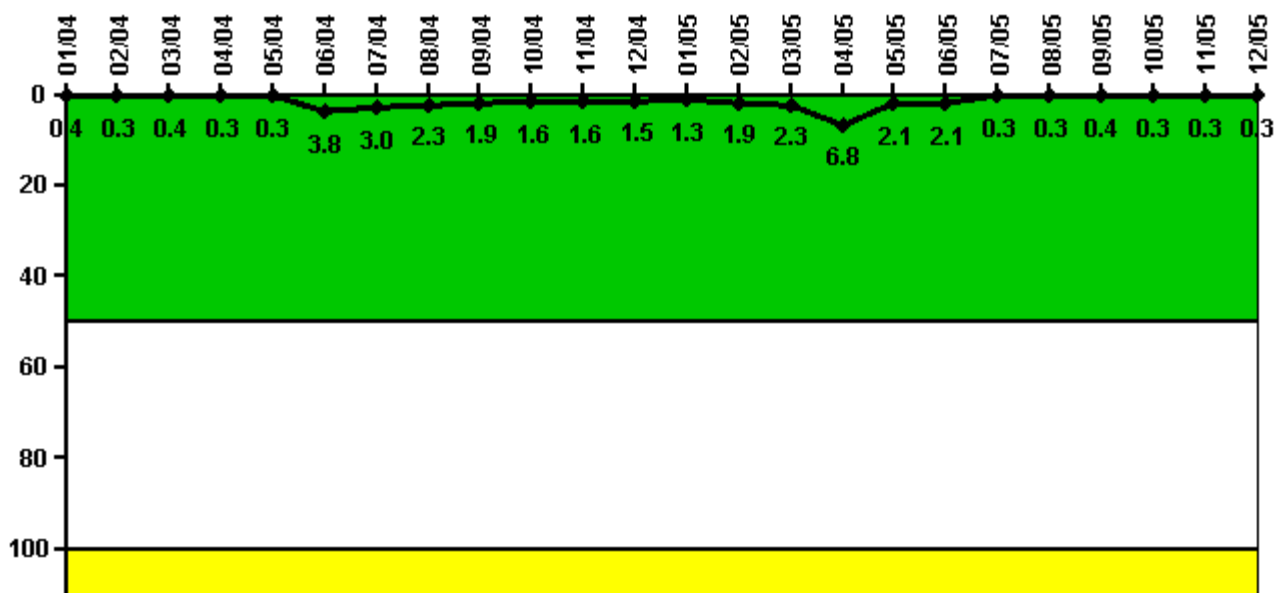
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



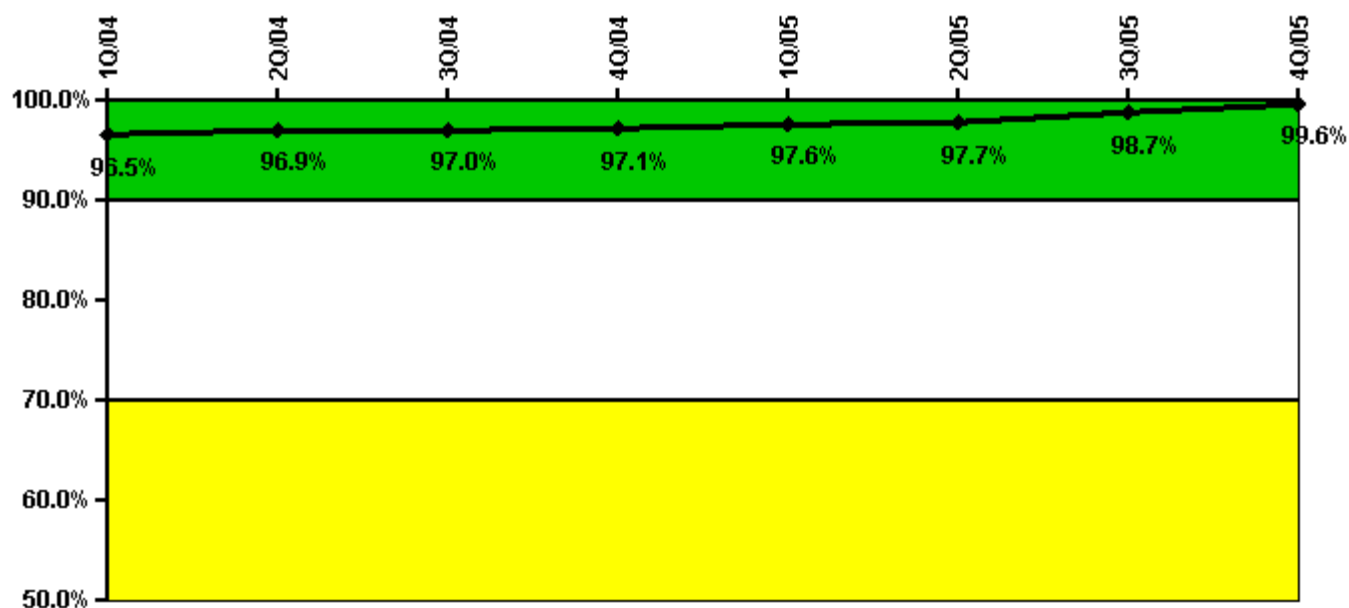
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.040	0.030	0.040	0.030	0.030	0.380	0.300	0.230	0.190	0.161	0.157	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.3	0.3	3.8	3.0	2.3	1.9	1.6	1.6	1.5
Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040	0.032	0.031	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4	0.3	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



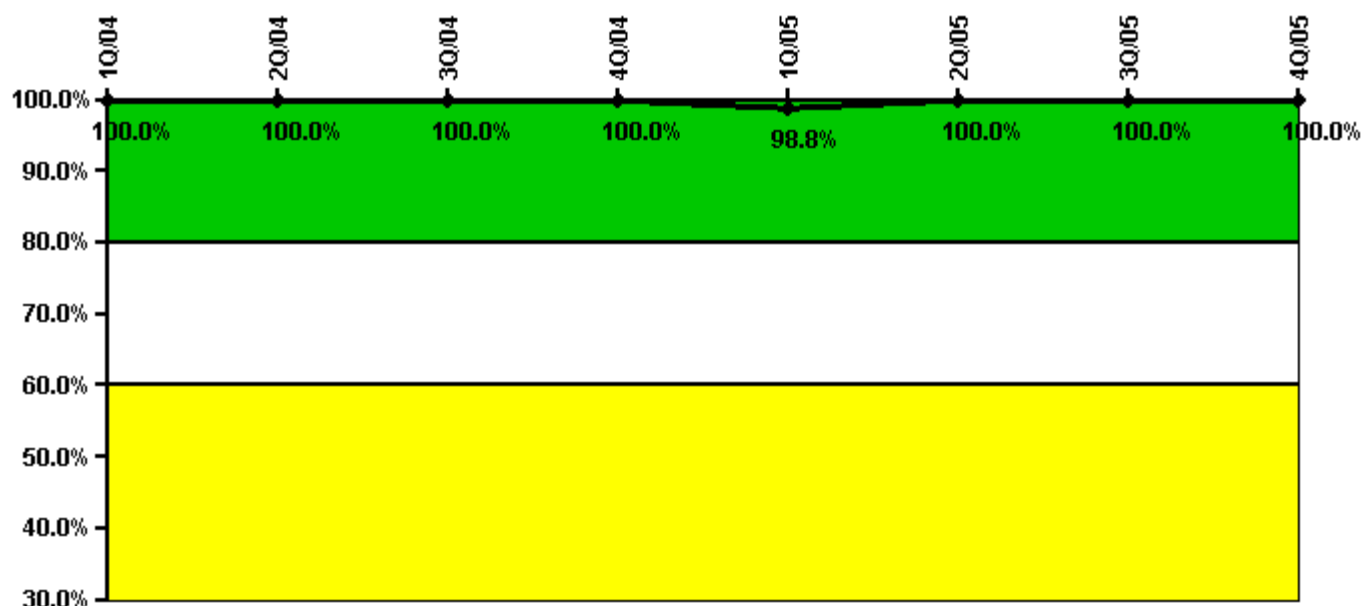
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	13.0	27.0	34.0	48.0	24.0	22.0	41.0	29.0
Total opportunities	13.0	27.0	34.0	49.0	24.0	22.0	41.0	29.0
Indicator value	96.5%	96.9%	97.0%	97.1%	97.6%	97.7%	98.7%	99.6%

Licensee Comments: none

ERO Drill Participation



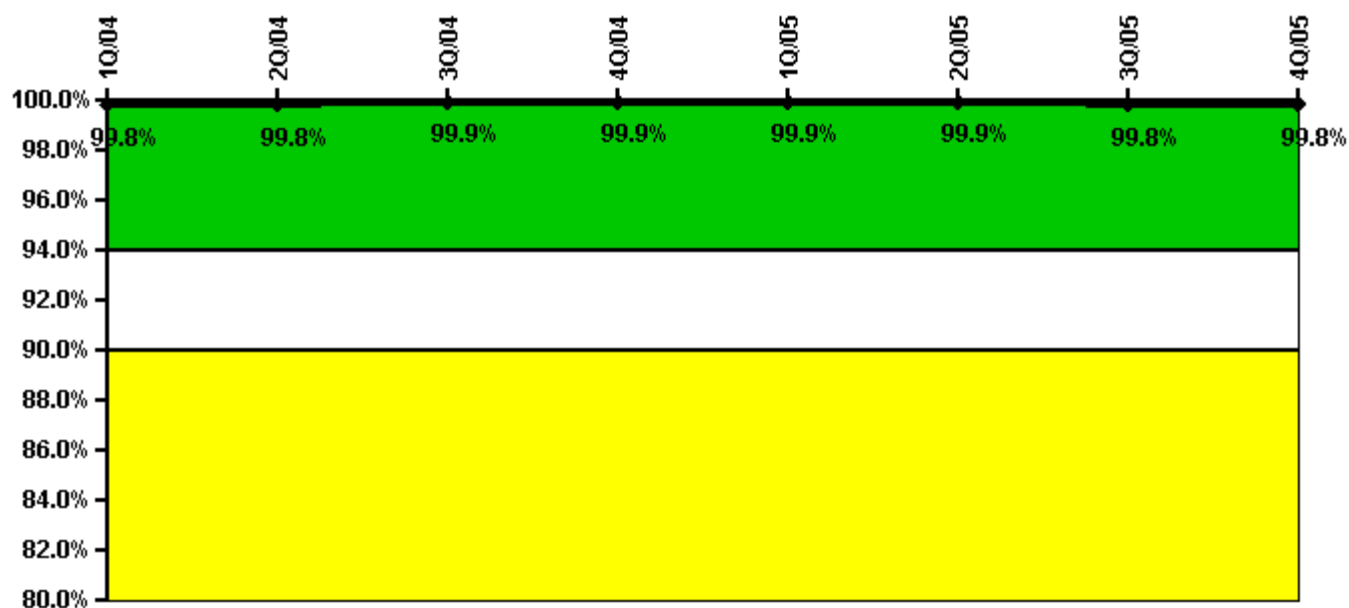
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	82.0	78.0	78.0	79.0	81.0	91.0	80.0	79.0
Total Key personnel	82.0	78.0	78.0	79.0	82.0	91.0	80.0	79.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



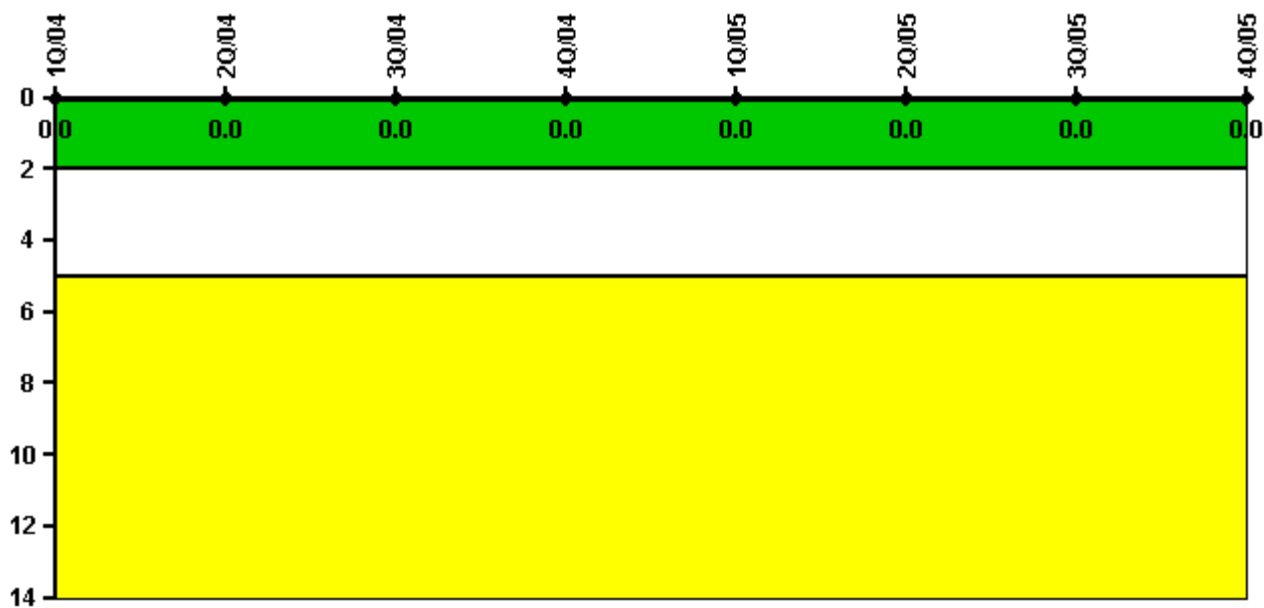
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	725	846	725	846	726	846	721	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



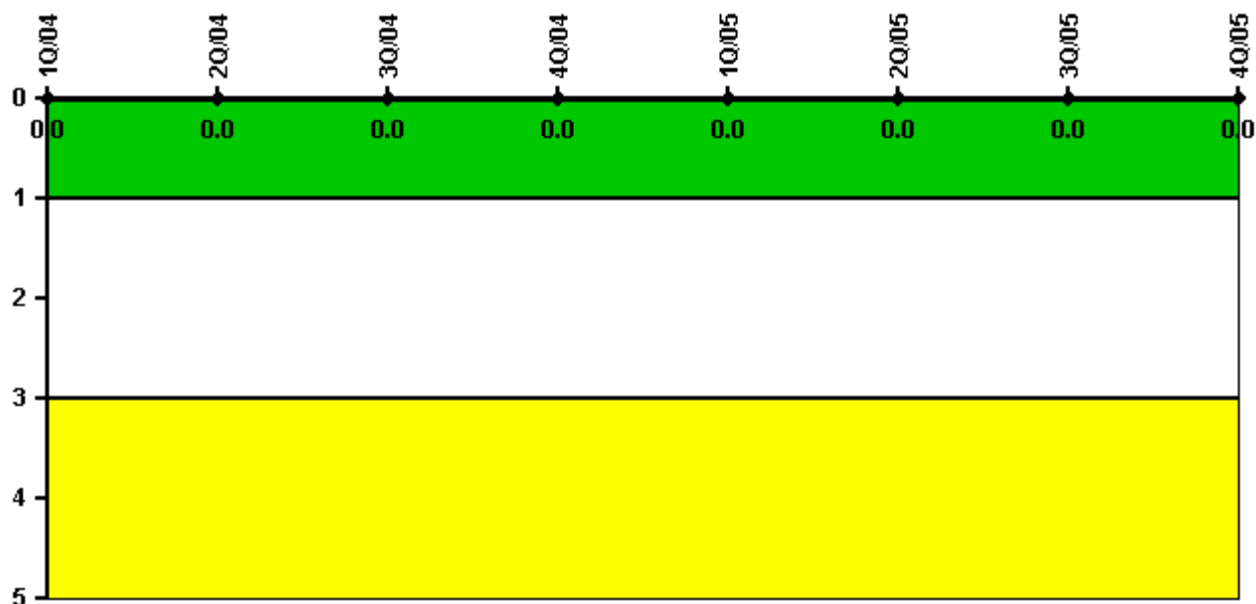
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

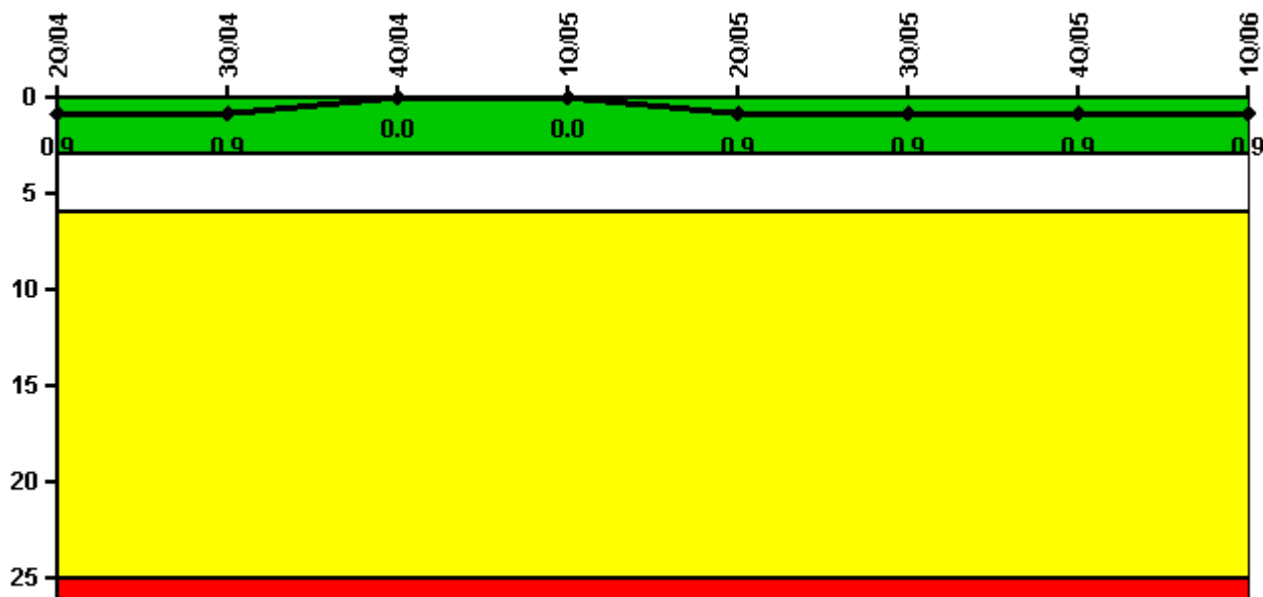
Last Modified: January 30, 2006

Seabrook 1

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



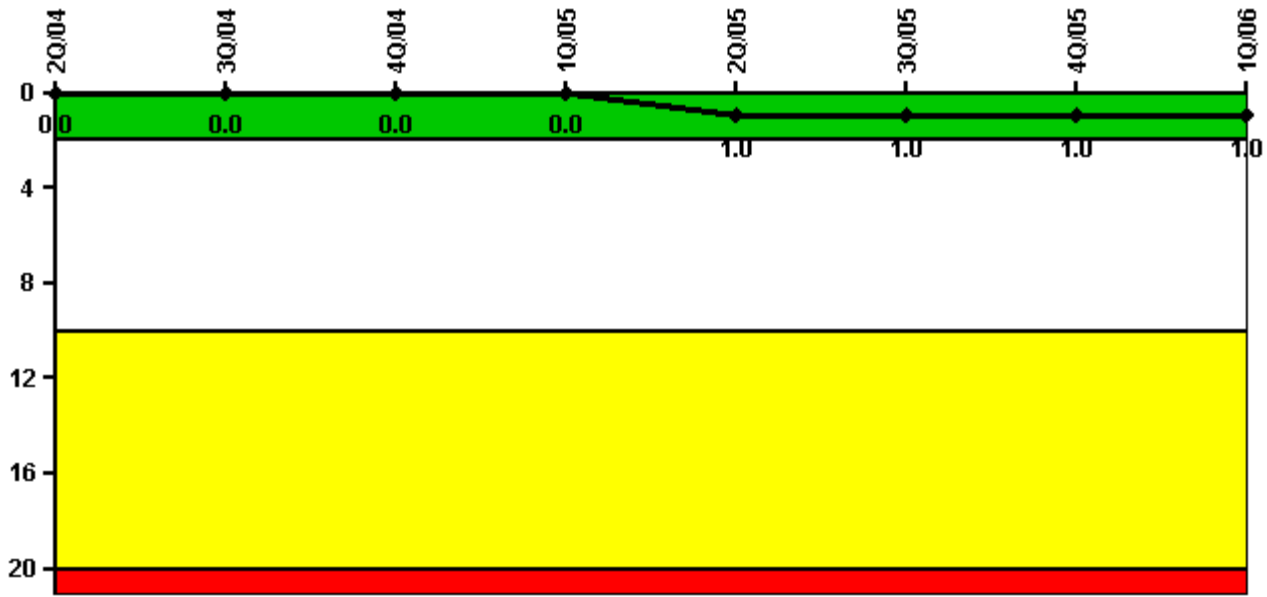
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0
Indicator value	0.9	0.9	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



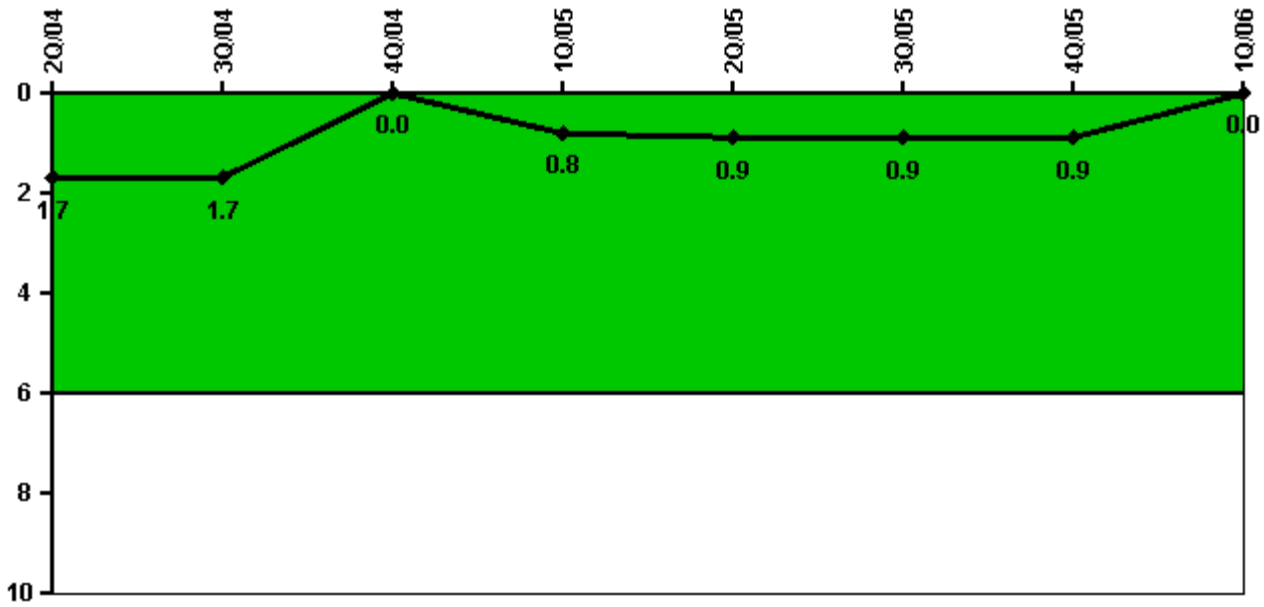
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	0	0	0	0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

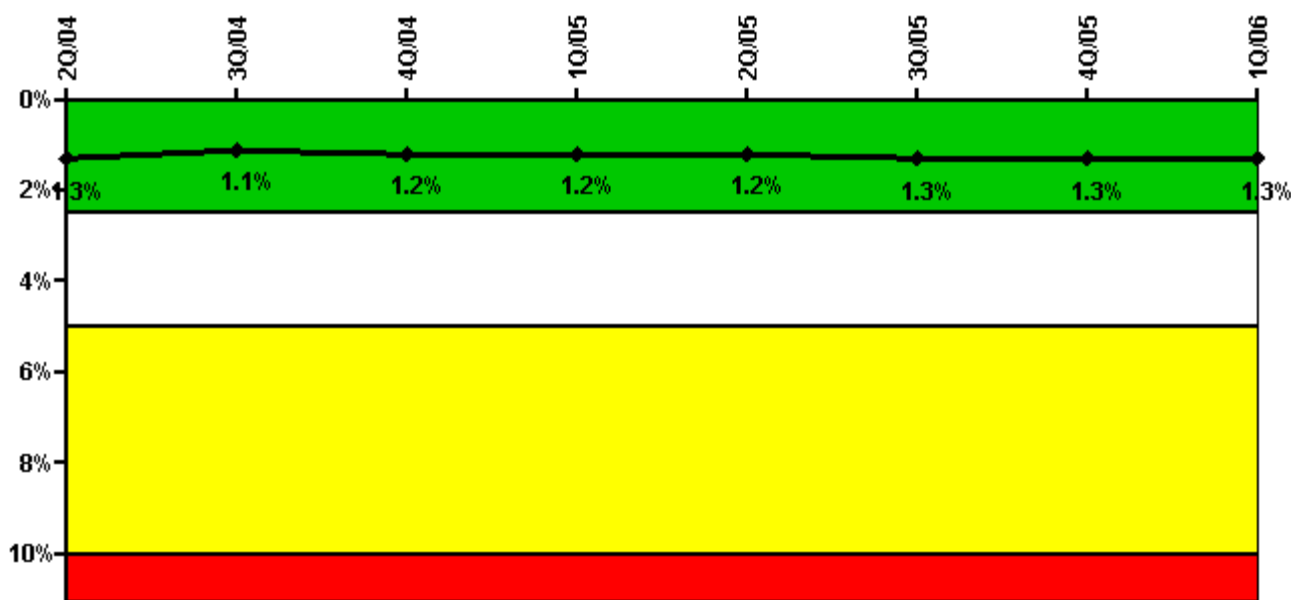
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0
Indicator value	1.7	1.7	0	0.8	0.9	0.9	0.9	0

Licensee Comments:

4Q/05: Change file to add note on NOED. On 11/30/05, the NRC granted a NOED allowing an additional 18 hours of AOT to return Vital Inverter 1F to operable status. If the NOED had not been granted, the failure of the inverter may have resulted in an Unplanned Power Change.

Safety System Unavailability, Emergency AC Power



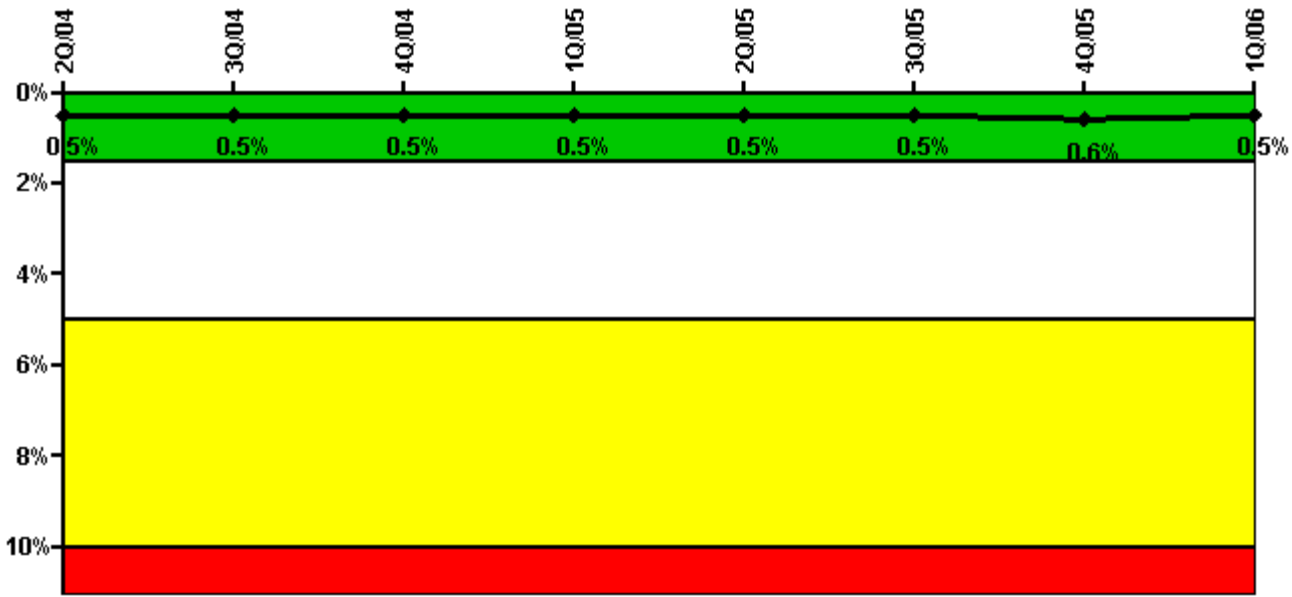
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	31.42	1.63	3.37	35.09	0.63	115.85	28.92	18.26
Unplanned unavailable hours	18.28	0.63	0	16.55	0	5.68	7.73	0.78
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	10.19	5.47	37.18	6.24	2.68	27.69	3.32	3.25
Unplanned unavailable hours	4.98	0	0	0	64.92	0	11.08	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00	2209.00	2160.00
Indicator value	1.3%	1.1%	1.2%	1.2%	1.2%	1.3%	1.3%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



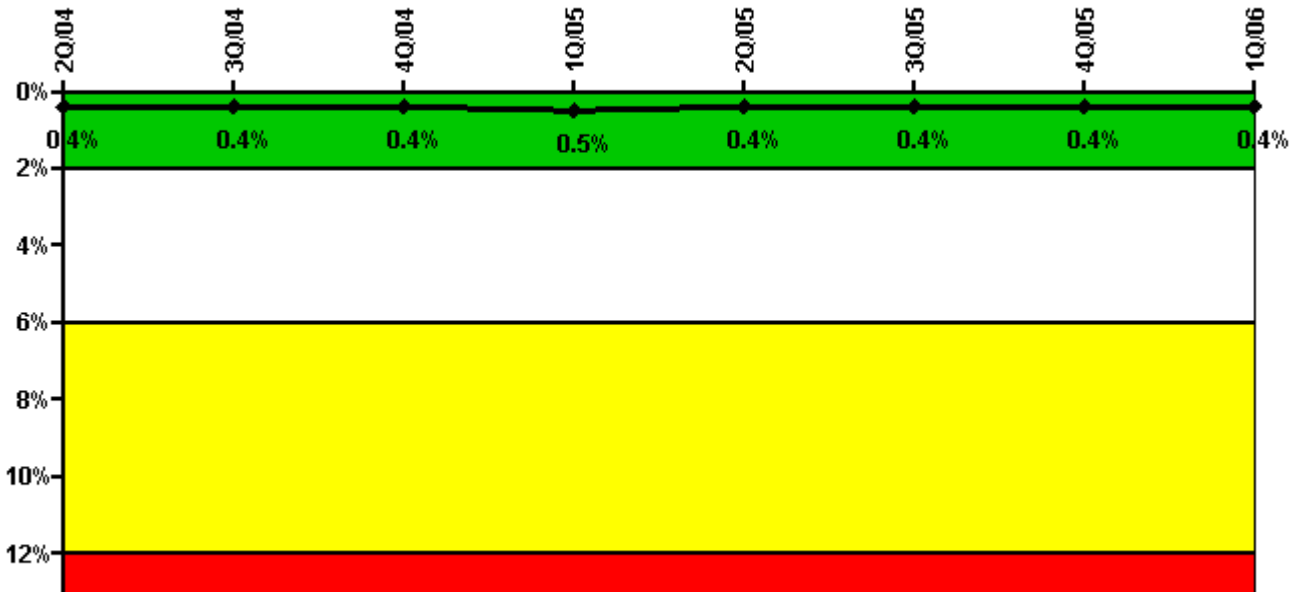
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	4.03	15.14	4.13	4.97	1.32	14.05	27.25	2.95
Unplanned unavailable hours	0	0	0	9.57	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1529.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	15.69	4.87	11.11	12.92	20.07	3.01	4.71	19.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1529.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	3.63	4.89	4.80	18.82	3.61	7.65	6.48	2.42
Unplanned unavailable hours	0	0	0	33.62	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	13.92	24.27	2.97	16.79	4.92	17.58	15.36	4.22
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



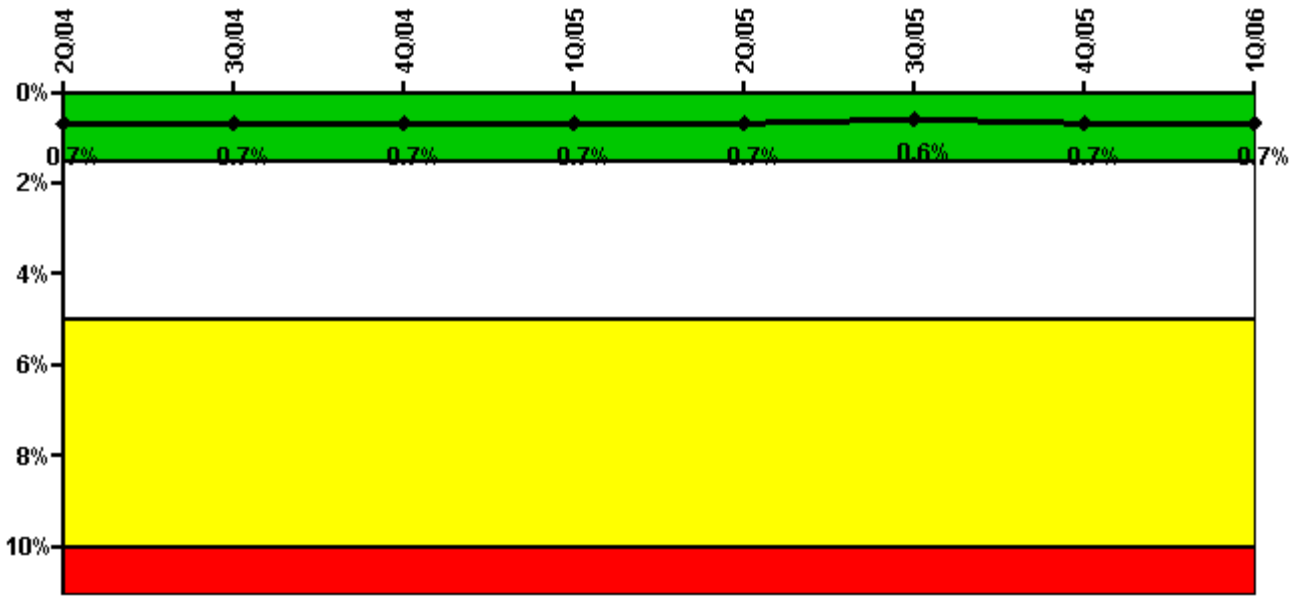
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	13.08	10.97	24.08	11.26	17.73	3.32	7.05	3.23
Unplanned unavailable hours	8.03	0	0	8.97	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.60	4.27	16.98	2.37	1.32	7.25	3.36	3.17
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



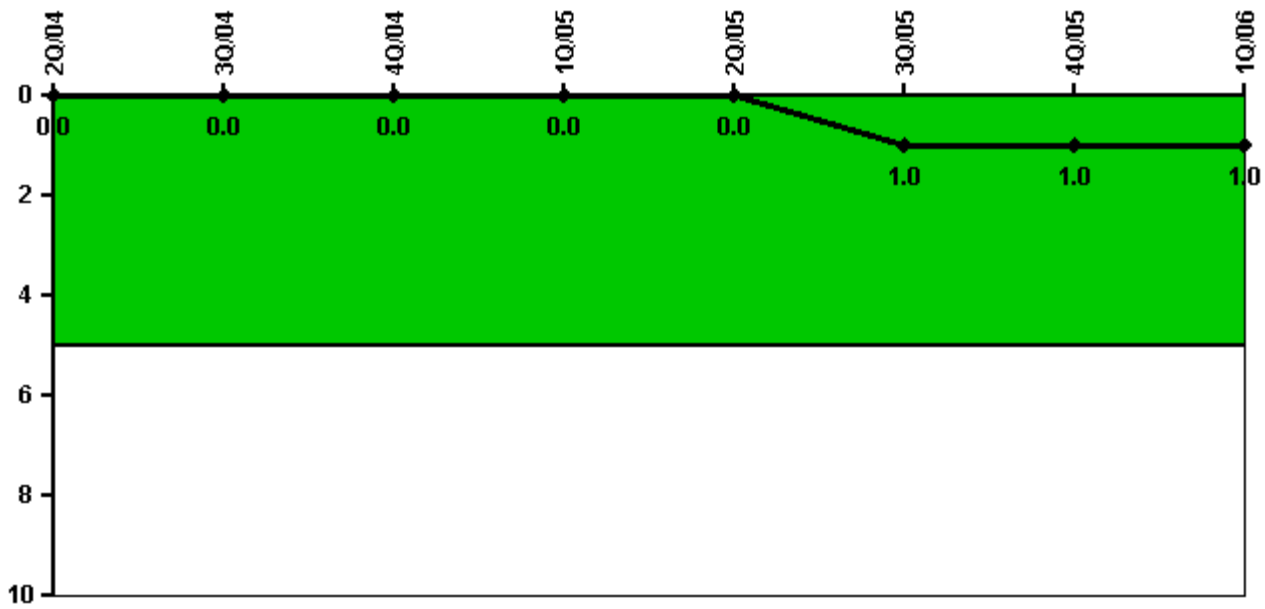
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	40.93	7.67	39.81	6.33	7.45	10.45	19.37	26.36
Unplanned unavailable hours	0	0	0	9.57	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	20.39	4.52	4.94	9.21	5.82	13.87	7.29	13.13
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



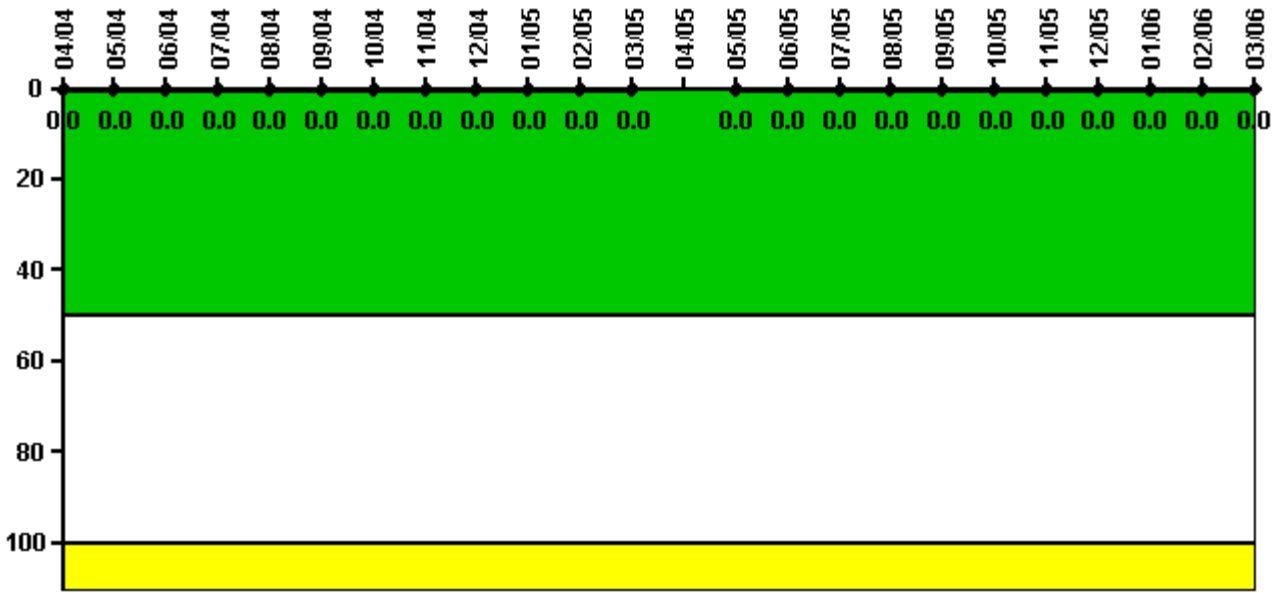
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



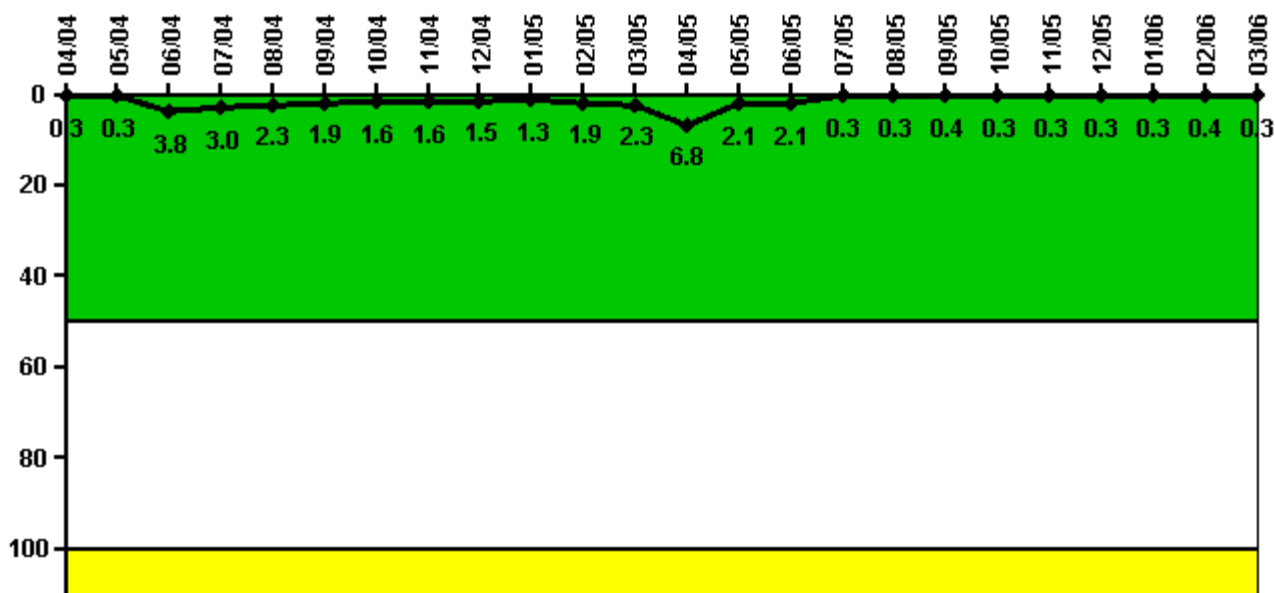
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	N/A	0.000062	0.000074	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



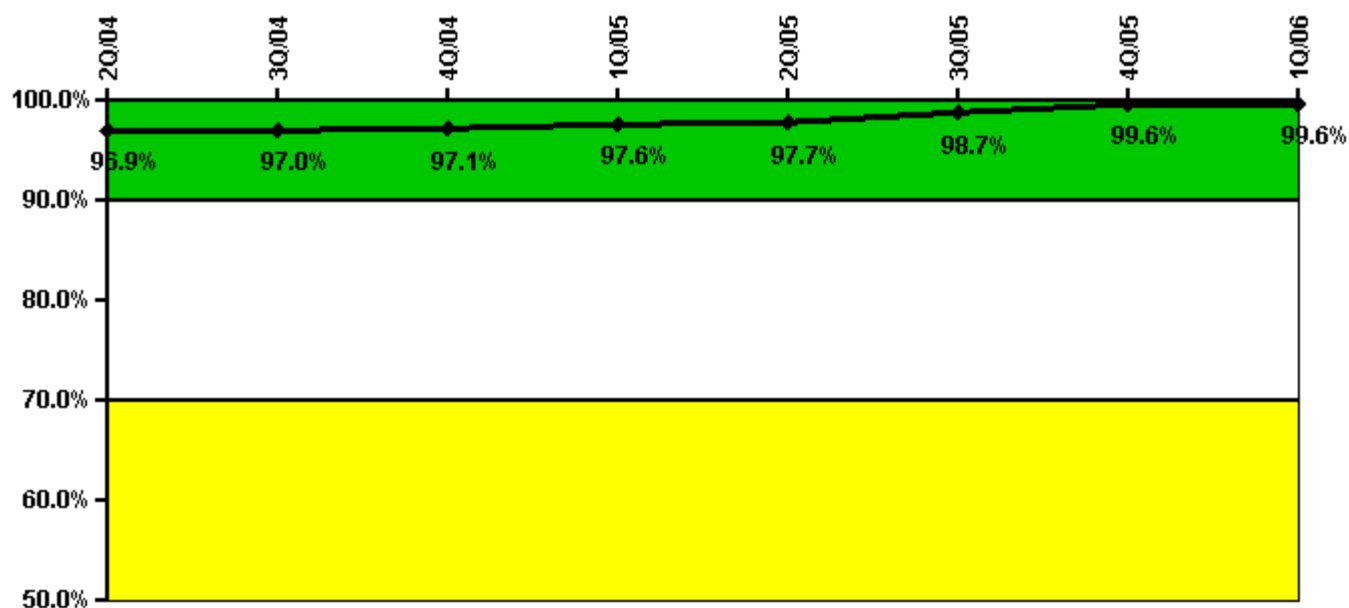
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.030	0.030	0.380	0.300	0.230	0.190	0.161	0.157	0.150	0.130	0.190	0.226
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	3.8	3.0	2.3	1.9	1.6	1.6	1.5	1.3	1.9	2.3
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.680	0.210	0.205	0.031	0.030	0.040	0.032	0.031	0.033	0.030	0.040	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	6.8	2.1	2.1	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



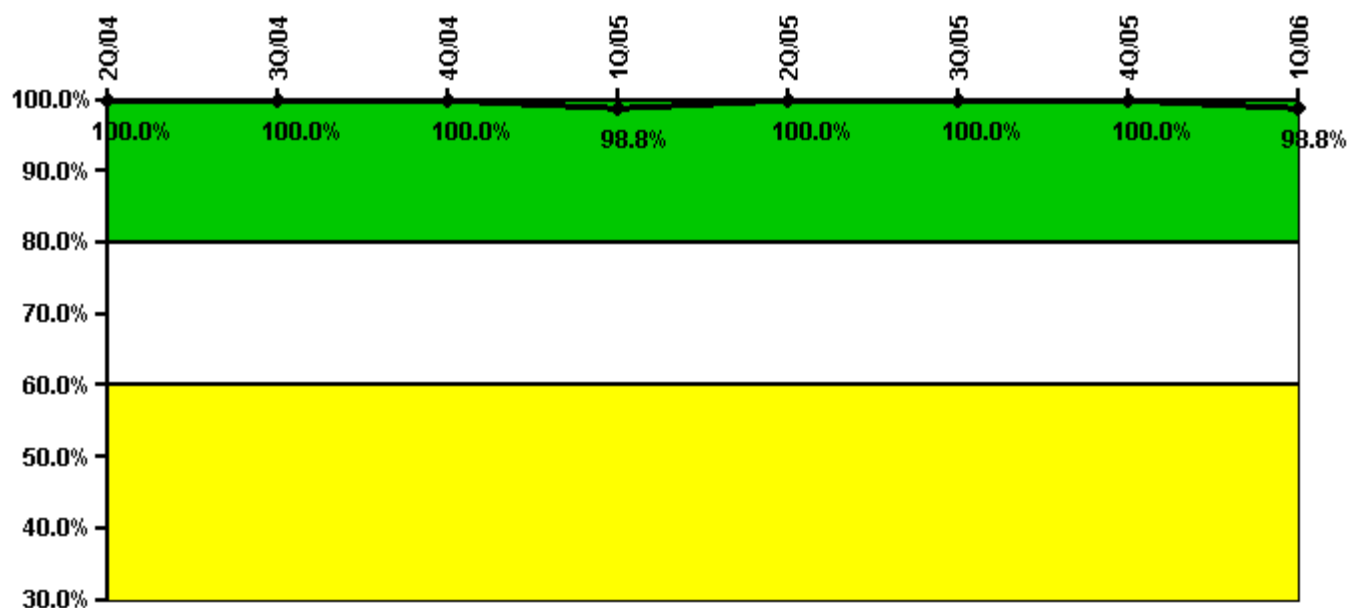
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	27.0	34.0	48.0	24.0	22.0	41.0	37.0	28.0
Total opportunities	27.0	34.0	49.0	24.0	22.0	41.0	37.0	28.0
Indicator value	96.9%	97.0%	97.1%	97.6%	97.7%	98.7%	99.6%	99.6%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

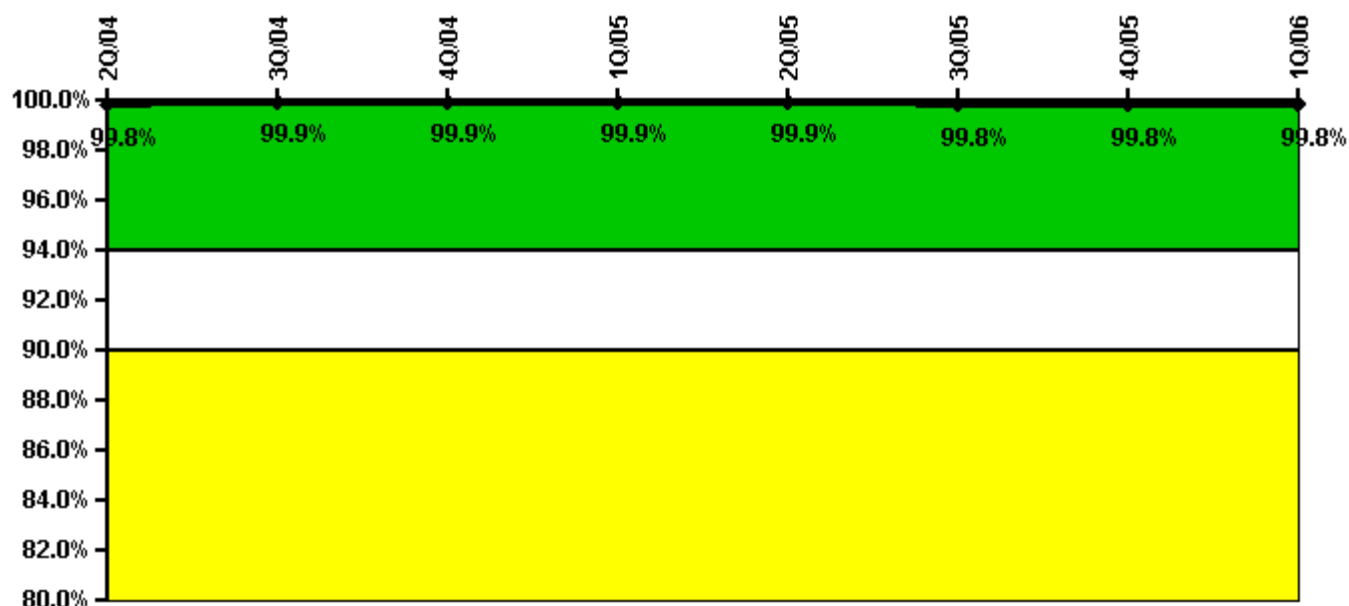
Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	78.0	78.0	79.0	81.0	91.0	80.0	79.0	79.0
Total Key personnel	78.0	78.0	79.0	82.0	91.0	80.0	79.0	80.0
Indicator value	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%	98.8%

Licensee Comments:

4Q/05: Change file submitted to add drill opportunities that occurred in November 2005.

Alert & Notification System



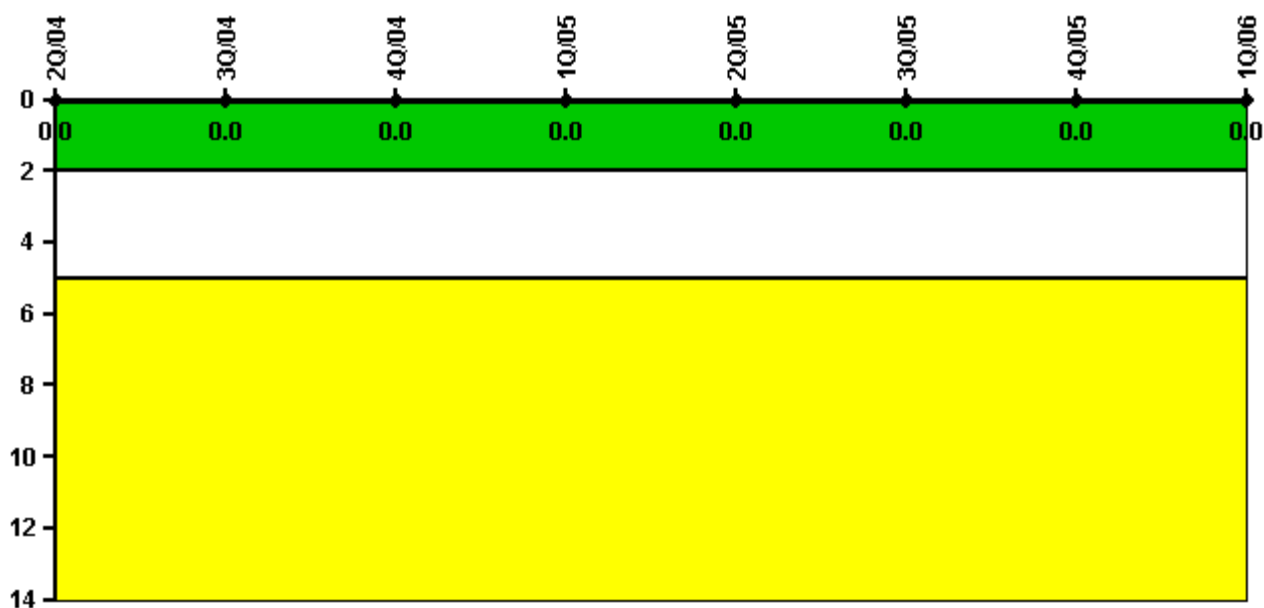
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	846	725	846	726	846	721	846	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.8%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



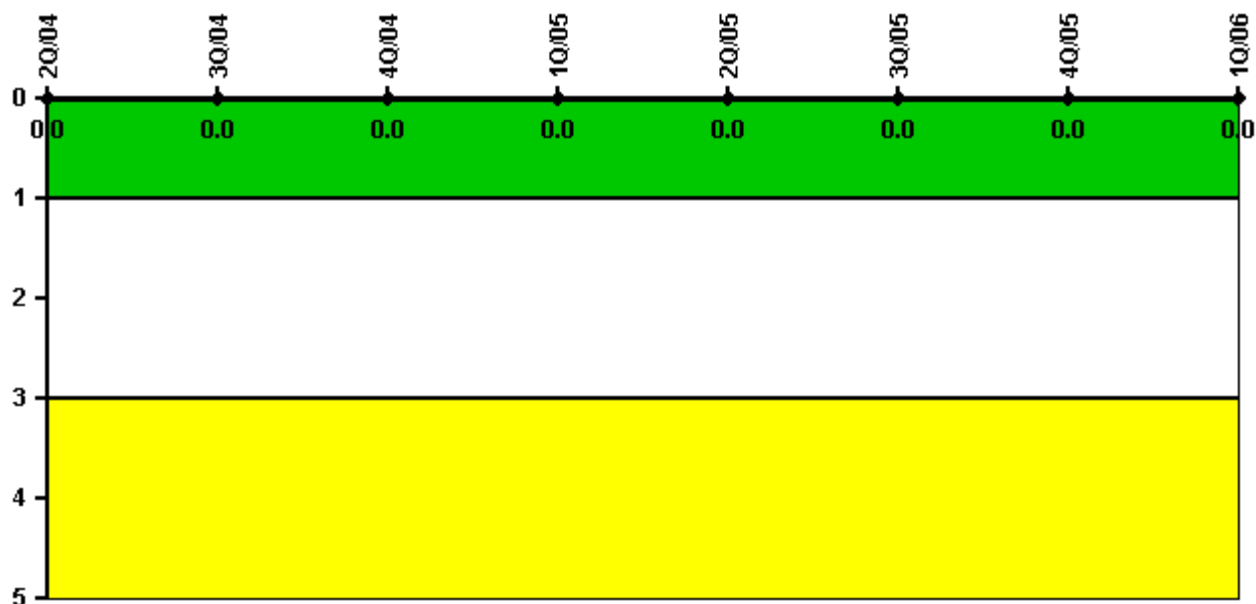
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

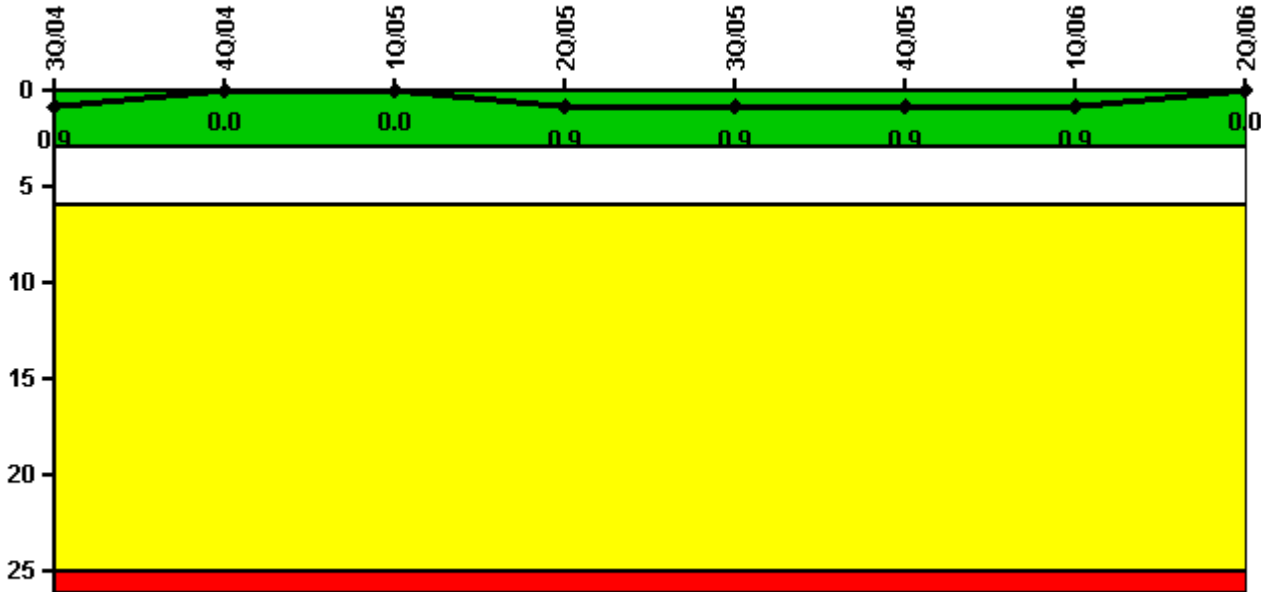
Last Modified: May 5, 2006

Seabrook 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



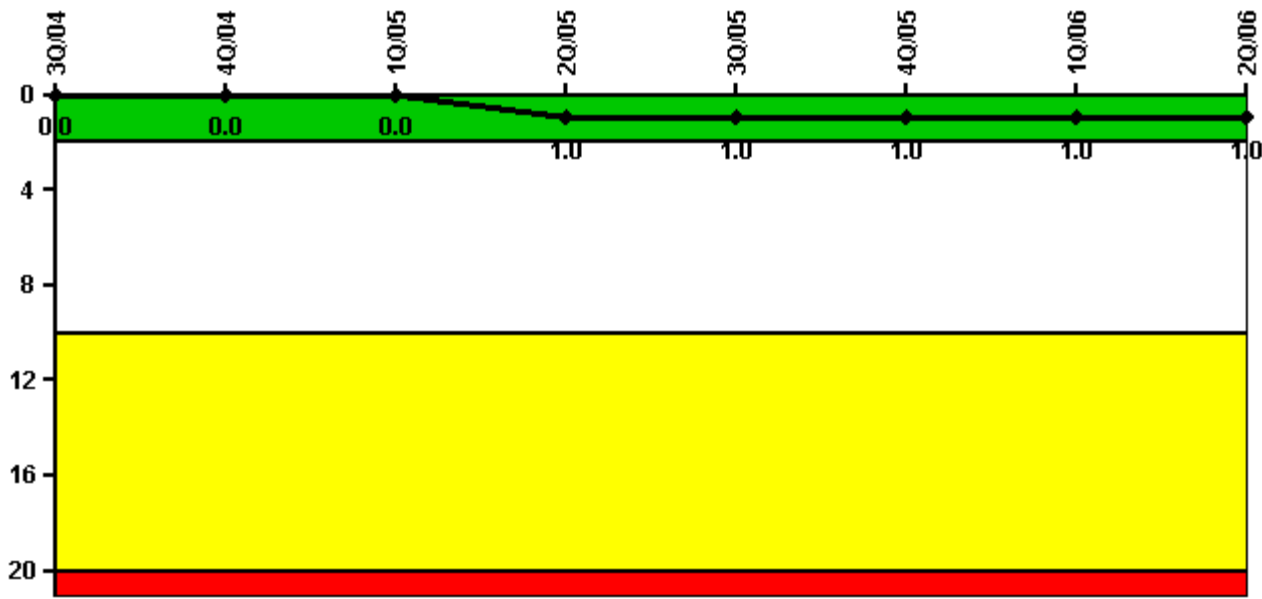
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0
Indicator value	0.9	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



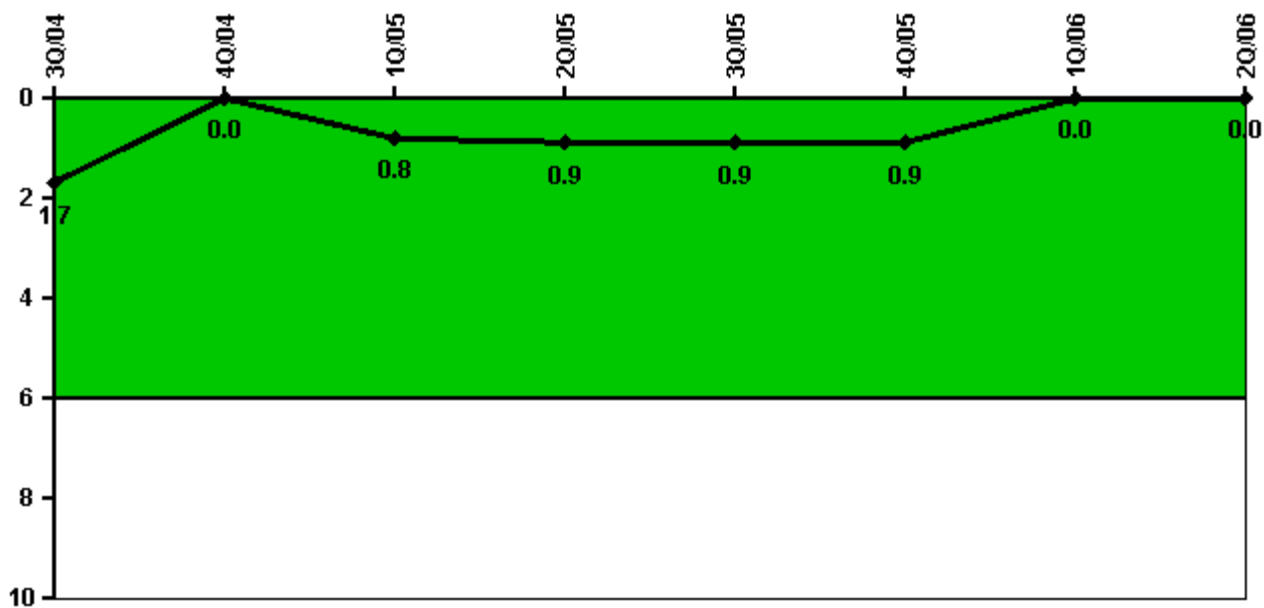
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	1.0	0	0	0	0
Indicator value	0	0	0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



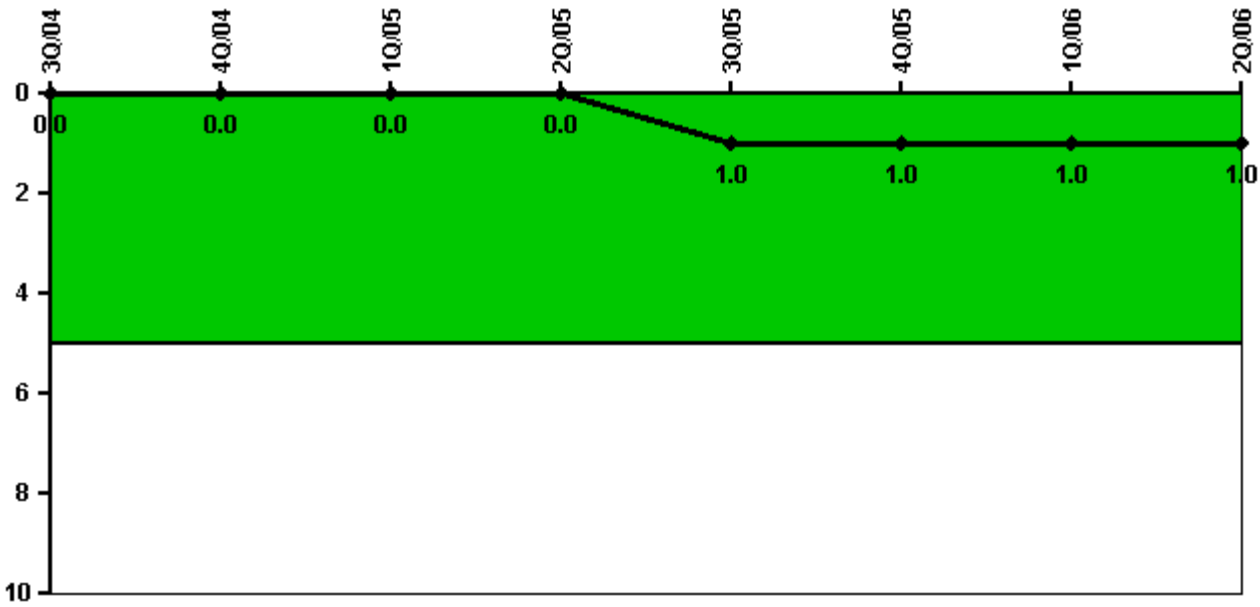
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0
Indicator value	1.7	0	0.8	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)



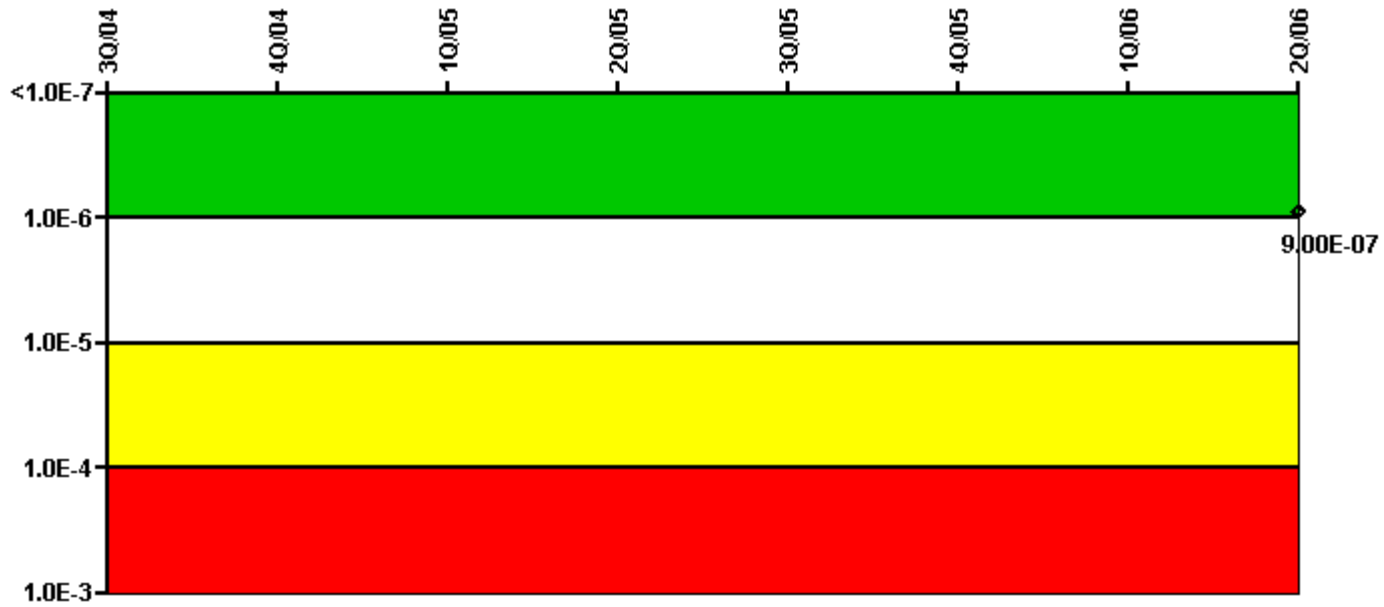
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

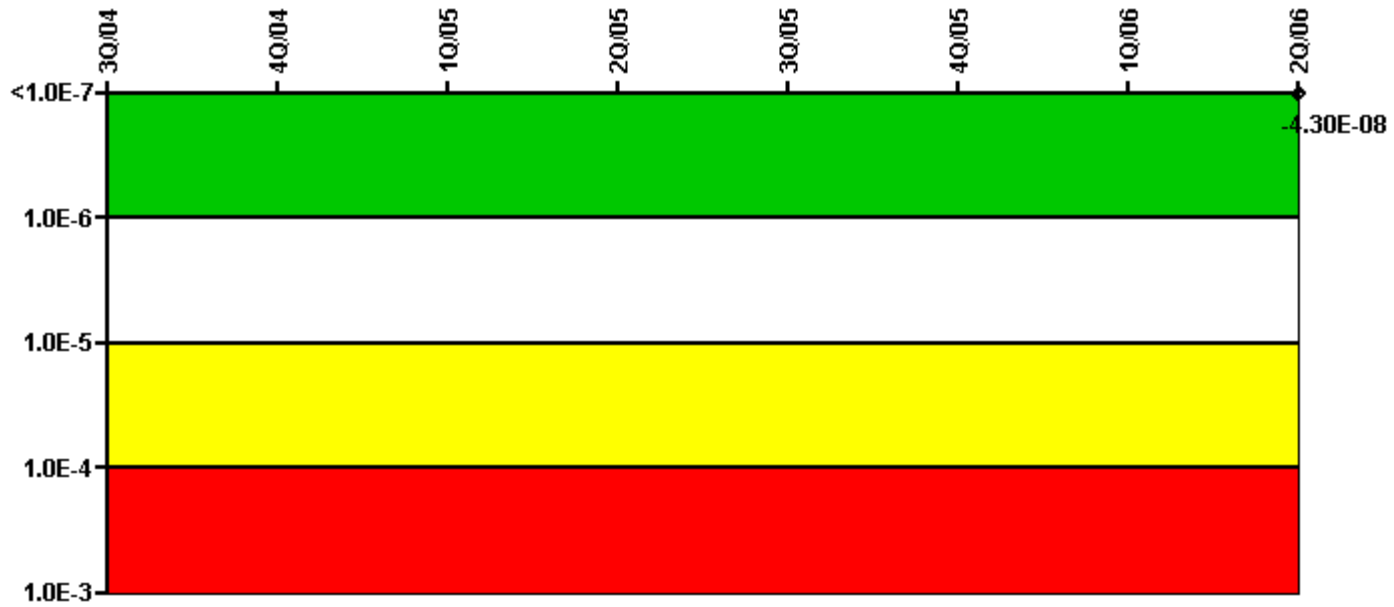
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.70E-07
URI (ΔCDF)								7.30E-07
PLE								NO
Indicator value								9.00E-07

Licensee Comments:

2Q/06: Risk Cap Invoked. Currently, the DG failure on 4/18/05 is classified as an MSPI failure. There is a question as to whether this is an accurate disposition. An FAQ will be developed and submitted to determine if this failure is correctly classified as an MSPI failure.

Mitigating Systems Performance Index, High Pressure Injection System



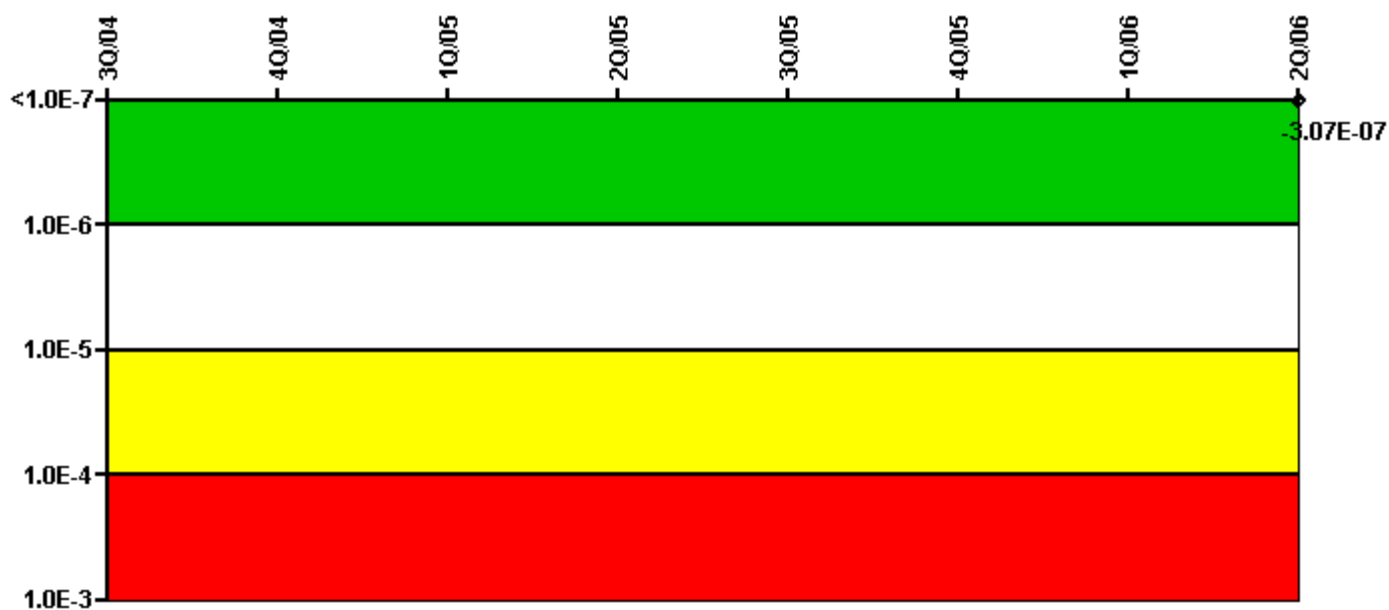
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.70E-08
URI (ΔCDF)								-2.60E-08
PLE								NO
Indicator value								-4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



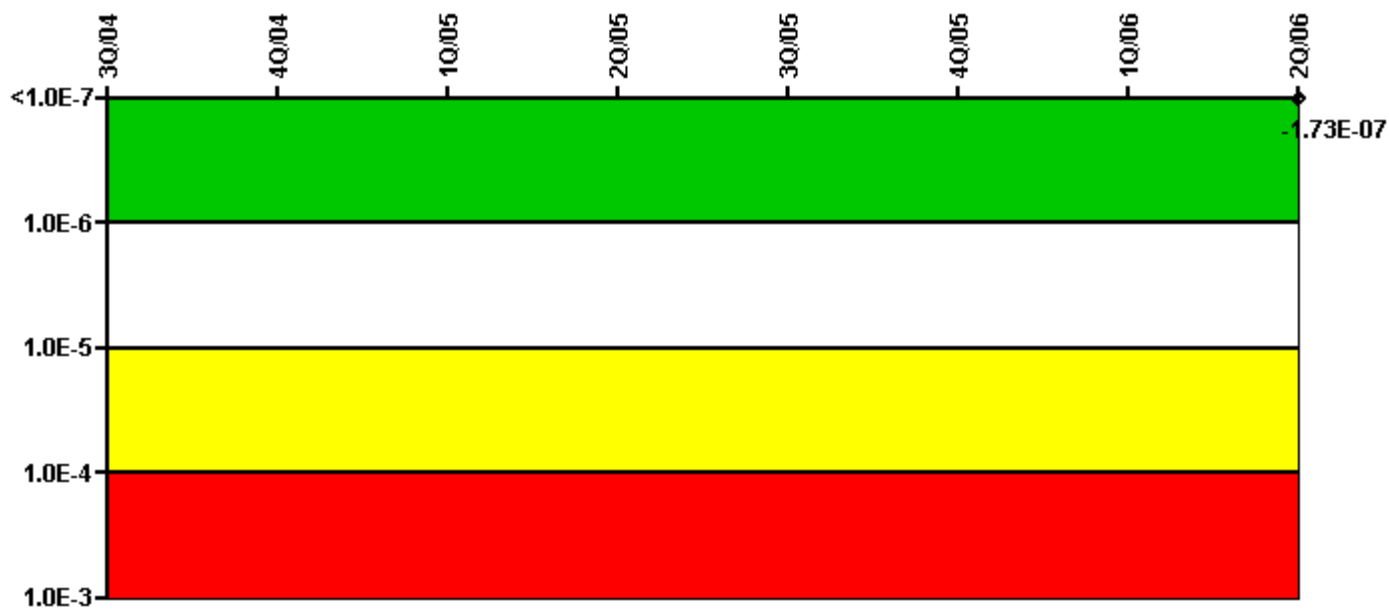
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.30E-08
URI (ΔCDF)								-3.20E-07
PLE								NO
Indicator value								-3.07E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



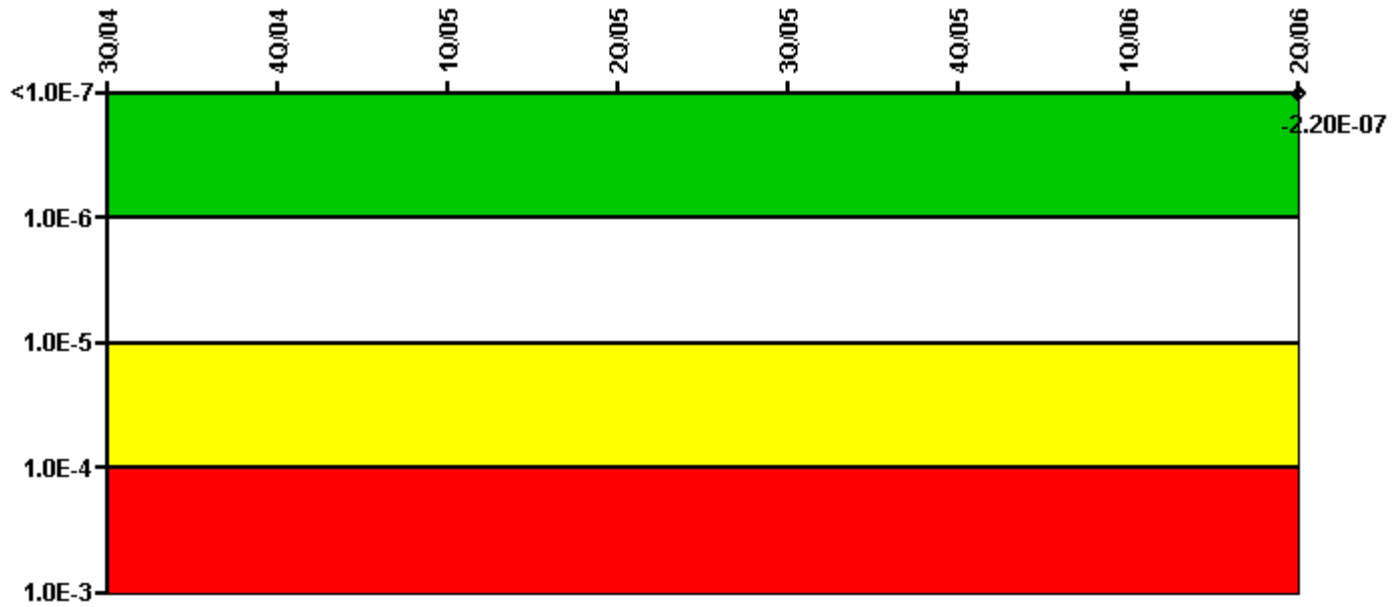
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-2.30E-08
URI (Δ CDF)								-1.50E-07
PLE								NO
Indicator value								-1.73E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



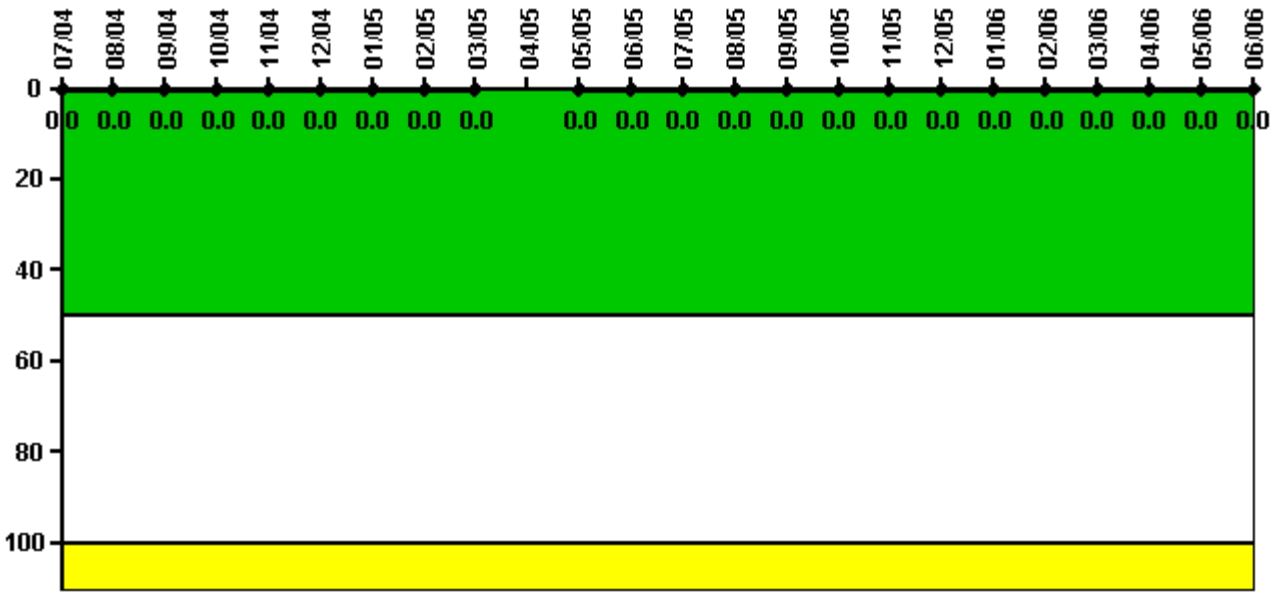
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.10E-11
URI (ΔCDF)								-2.20E-07
PLE								NO
Indicator value								-2.20E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

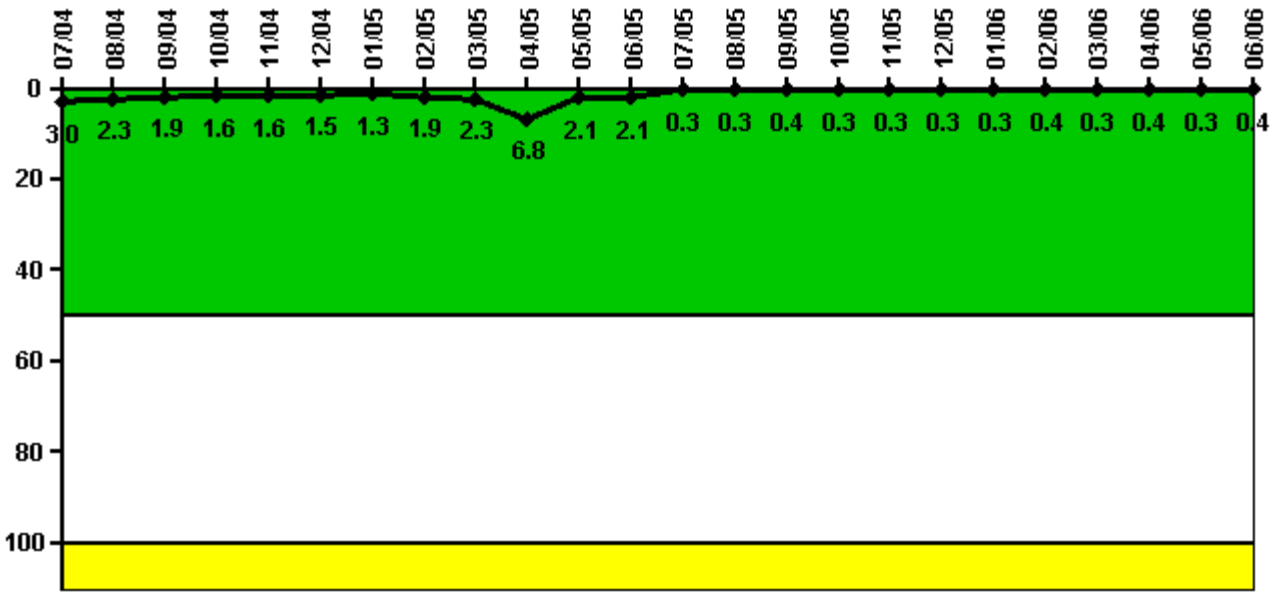
Notes

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



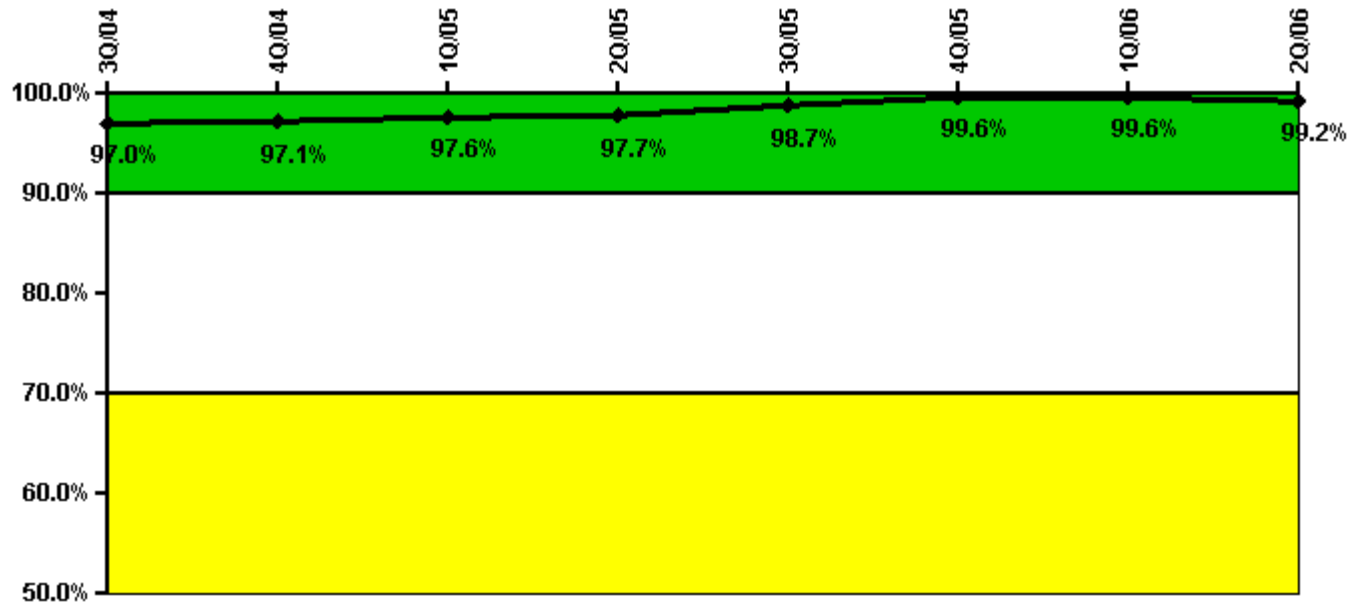
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.300	0.230	0.190	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.0	2.3	1.9	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.031	0.030	0.040	0.032	0.031	0.033	0.030	0.040	0.034	0.040	0.031	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



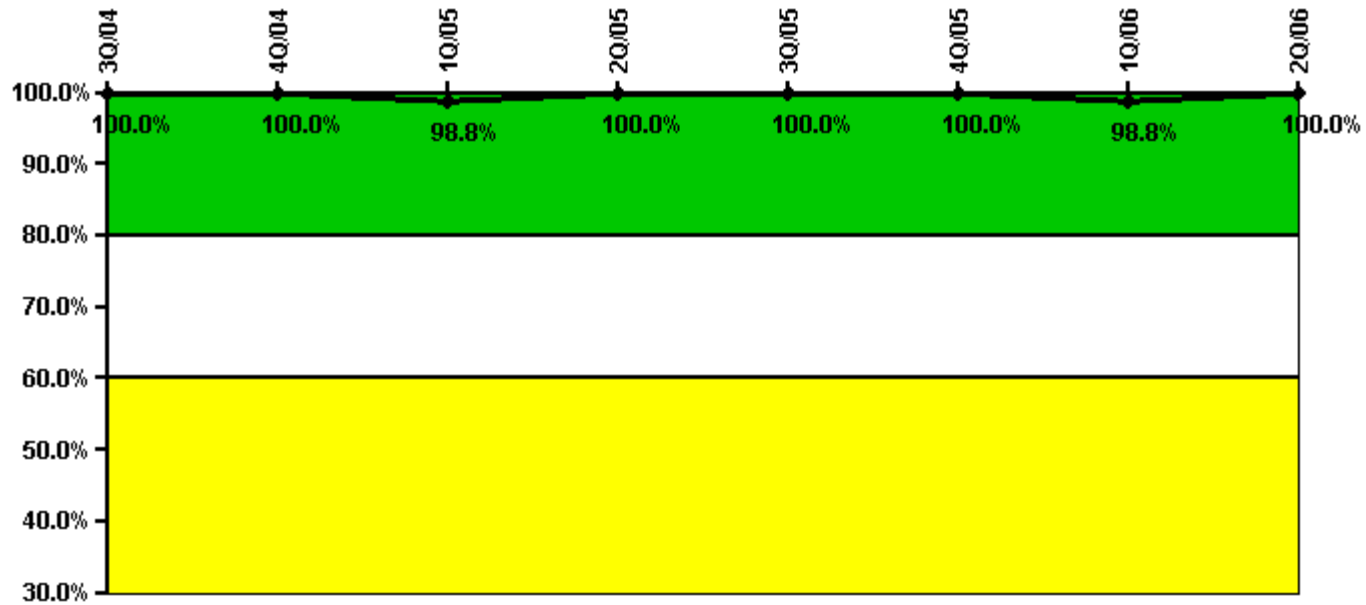
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	34.0	48.0	24.0	22.0	41.0	37.0	28.0	27.0
Total opportunities	34.0	49.0	24.0	22.0	41.0	37.0	28.0	28.0
Indicator value	97.0%	97.1%	97.6%	97.7%	98.7%	99.6%	99.6%	99.2%

Licensee Comments: none

ERO Drill Participation



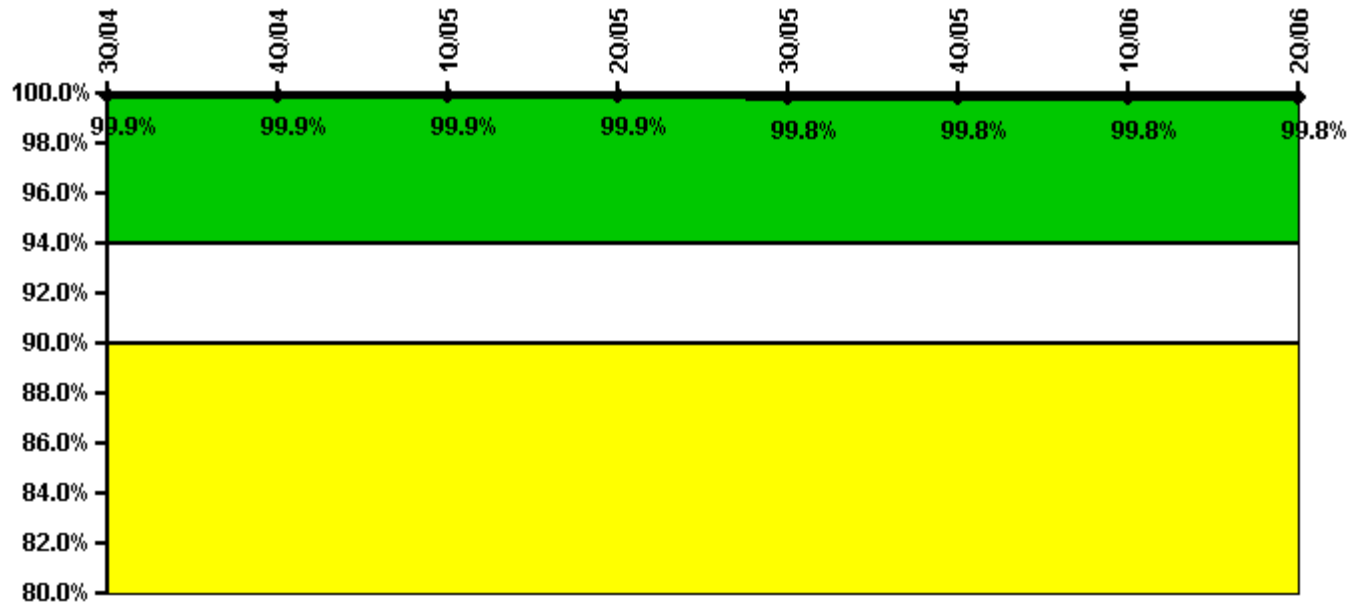
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	78.0	79.0	81.0	91.0	80.0	79.0	79.0	81.0
Total Key personnel	78.0	79.0	82.0	91.0	80.0	79.0	80.0	81.0
Indicator value	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%	98.8%	100.0%

Licensee Comments: none

Alert & Notification System



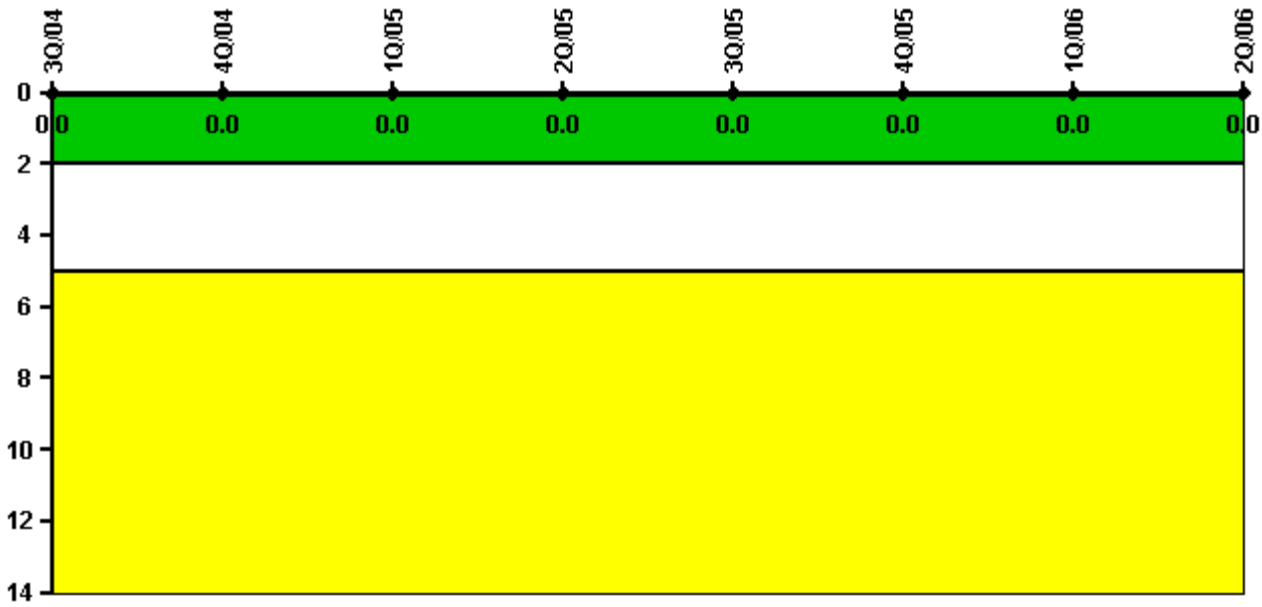
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	725	846	726	846	721	846	726	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



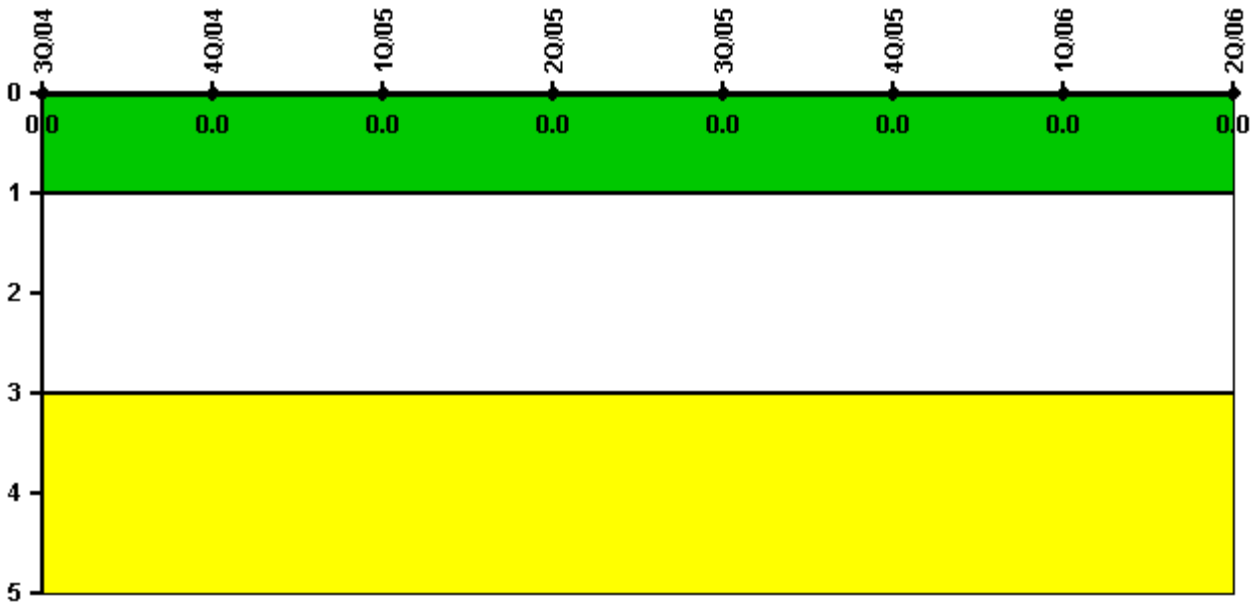
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 2, 2006

Seabrook 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



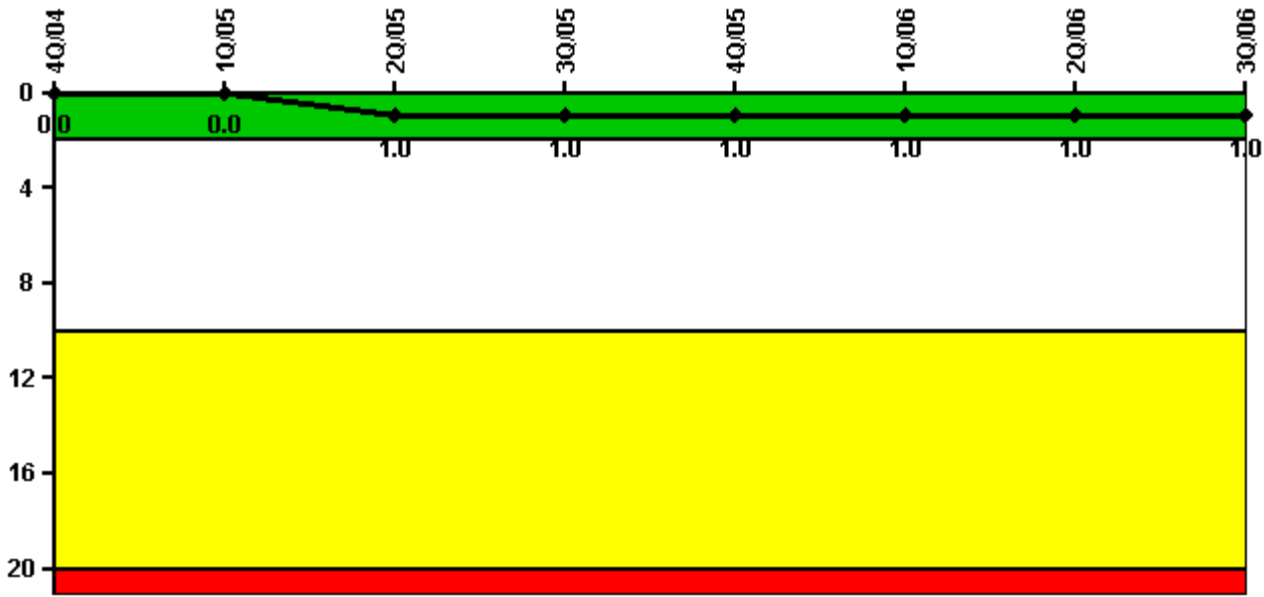
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



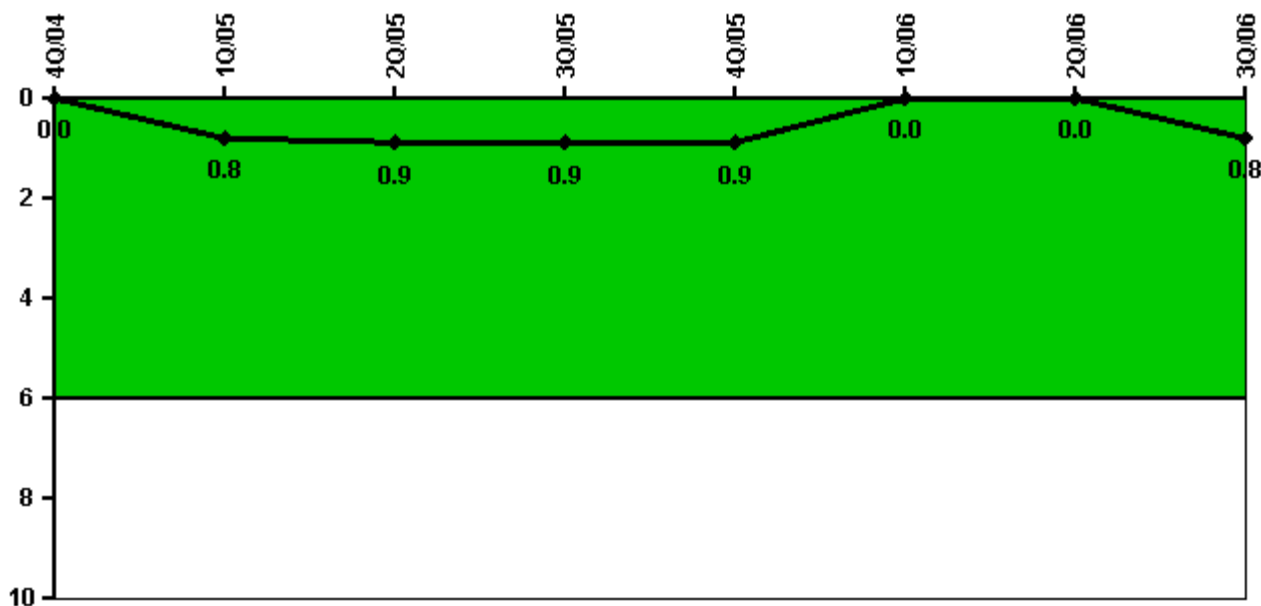
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



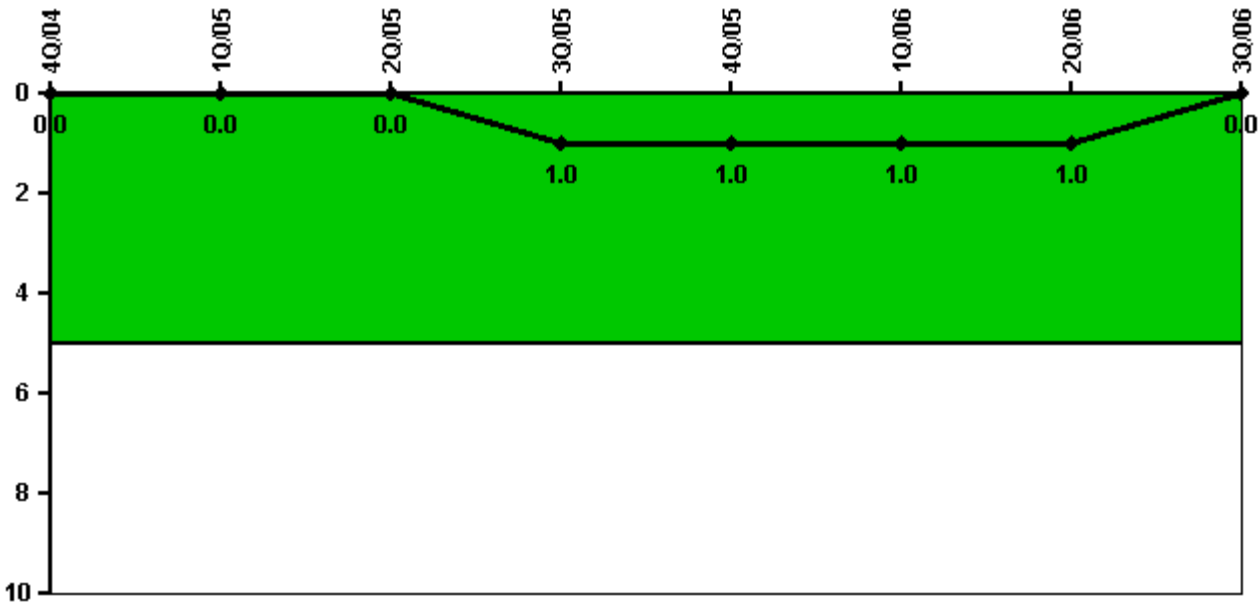
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3
Indicator value	0	0.8	0.9	0.9	0.9	0	0	0.8

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-9.90E-08	-1.00E-07
URI (Δ CDF)							7.30E-07	1.30E-06
PLE							NO	NO
Indicator value							6.31E-07	1.20E-06

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

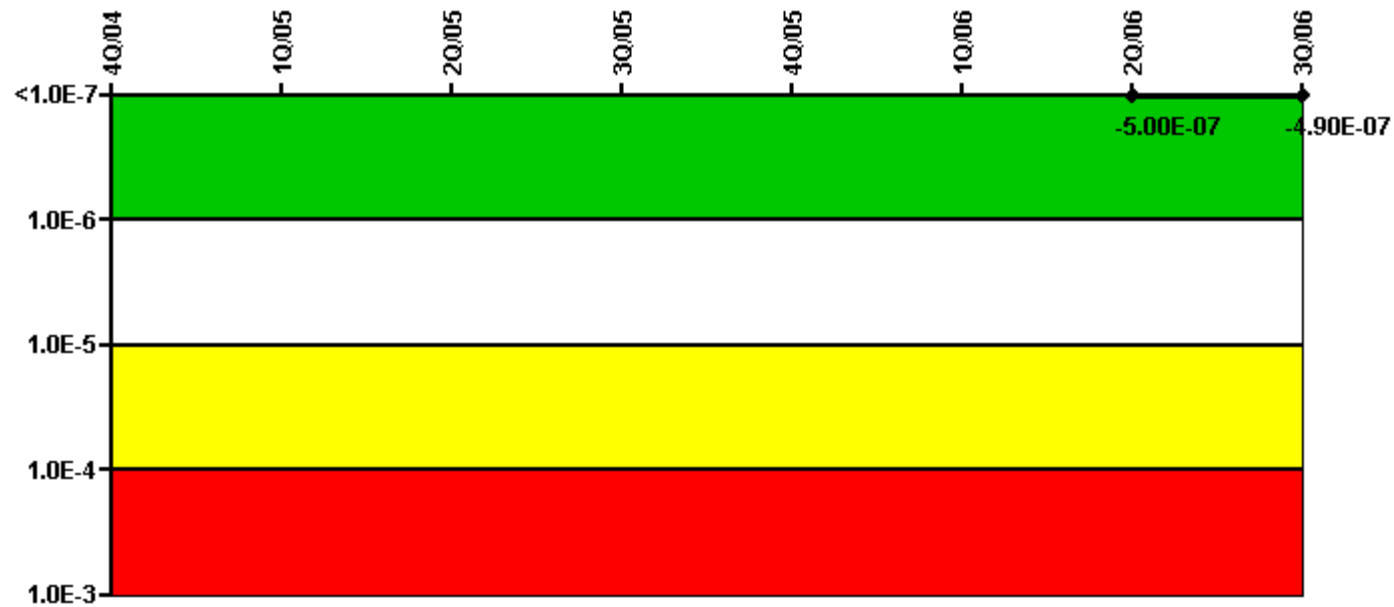
Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.70E-08	-1.80E-08
URI (Δ CDF)							-2.60E-08	-2.60E-08
PLE							NO	NO
Indicator value							-4.30E-08	-4.40E-08

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

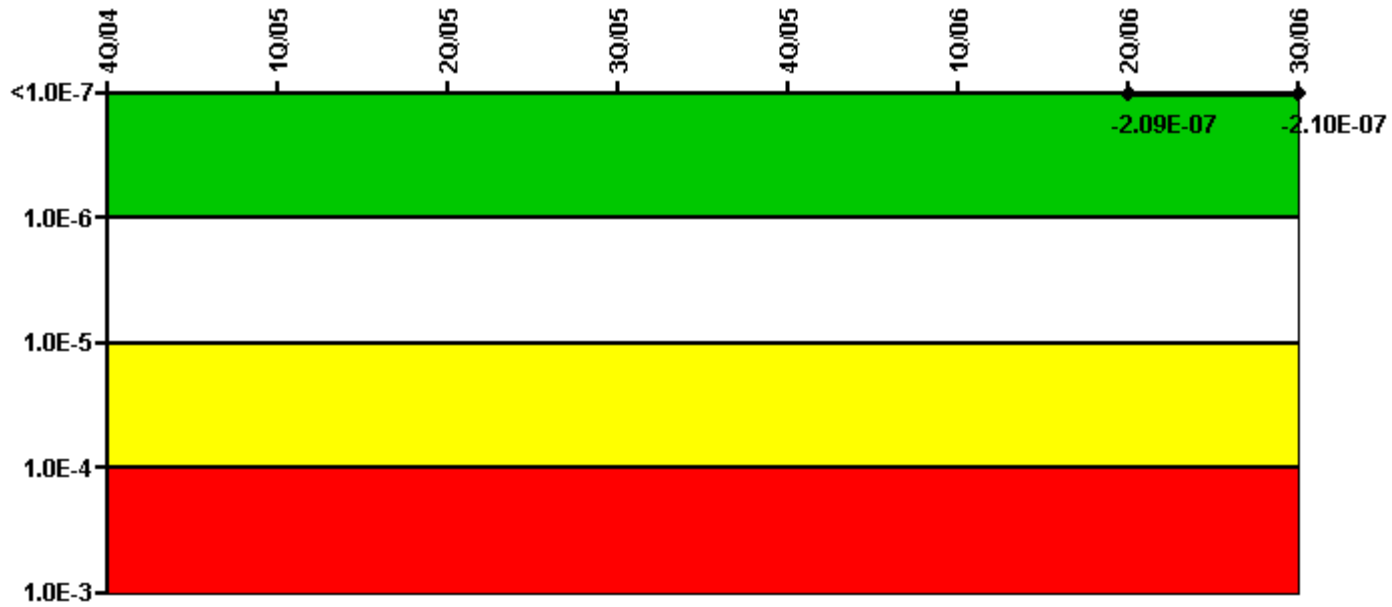
Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.80E-07	-1.60E-07
URI (Δ CDF)							-3.20E-07	-3.30E-07
PLE							NO	NO
Indicator value							-5.00E-07	-4.90E-07

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-4.90E-08	-5.00E-08
URI (Δ CDF)							-1.60E-07	-1.60E-07
PLE							NO	NO
Indicator value							-2.09E-07	-2.10E-07

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Cooling Water Systems



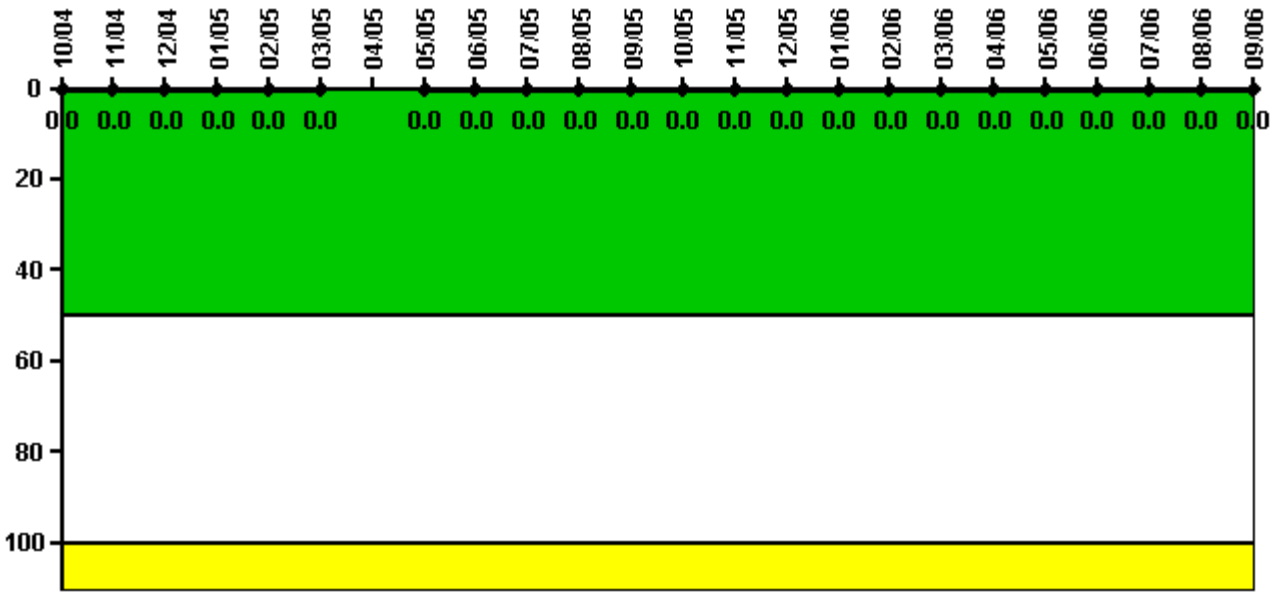
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-1.10E-11	-1.10E-11
URI (ΔCDF)							-2.20E-07	-2.20E-07
PLE							NO	NO
Indicator value							-2.20E-07	-2.20E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

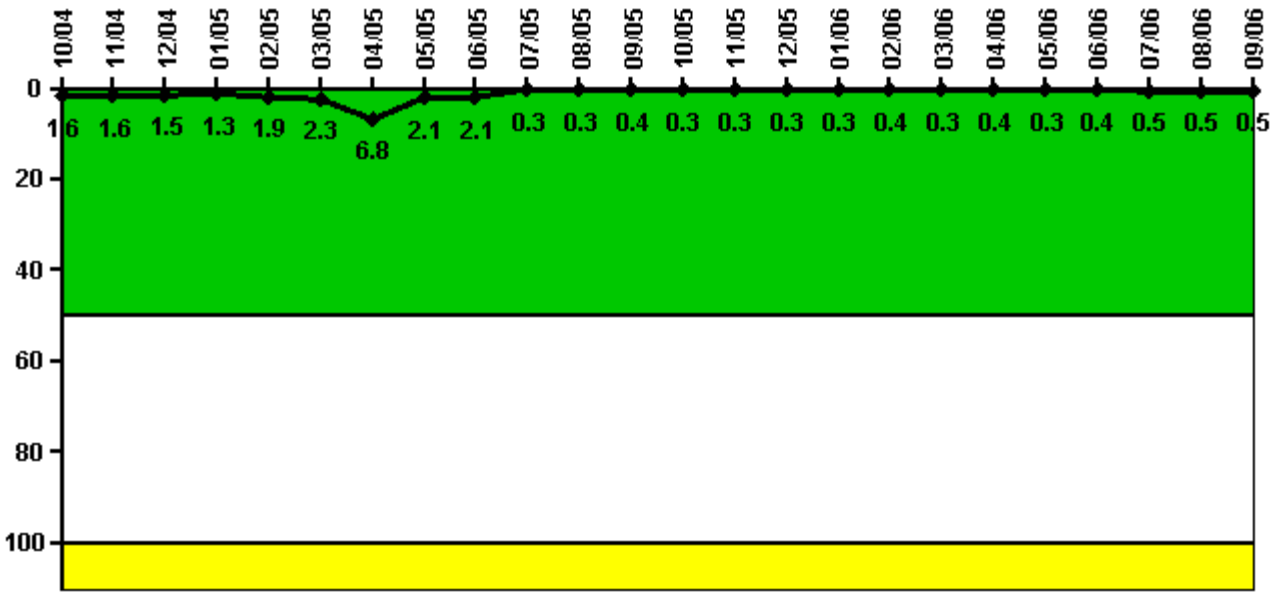
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

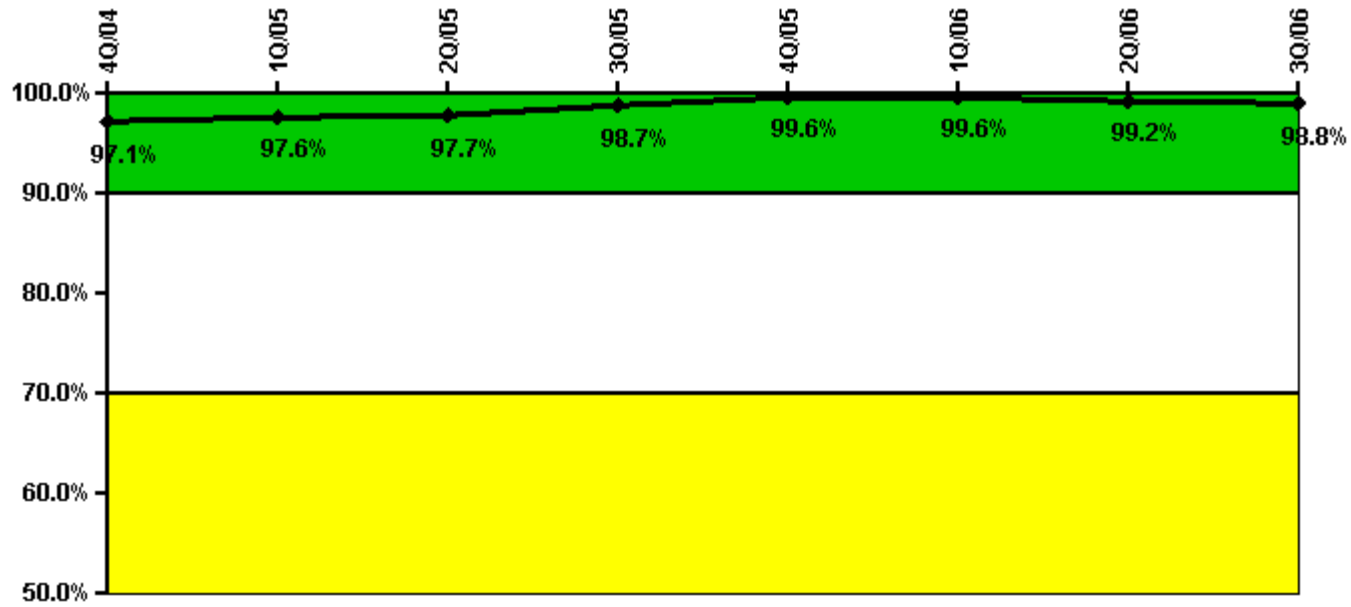
Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.032	0.031	0.033	0.030	0.040	0.034	0.040	0.031	0.040	0.046	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



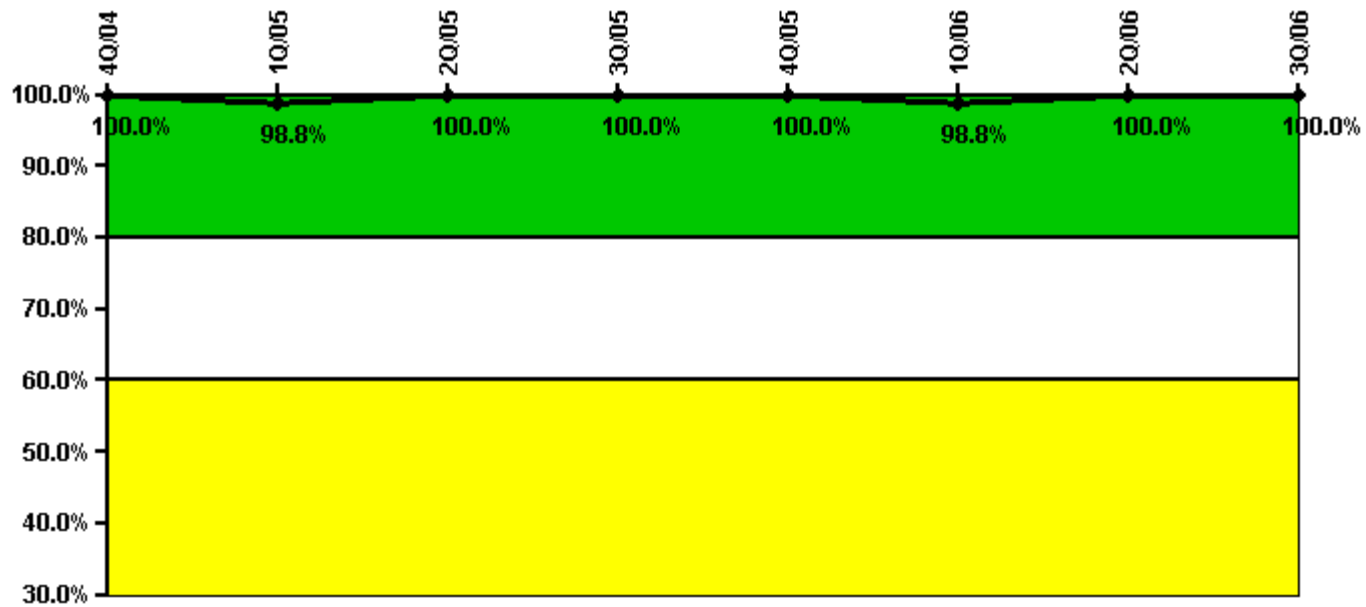
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	48.0	24.0	22.0	41.0	37.0	28.0	27.0	24.0
Total opportunities	49.0	24.0	22.0	41.0	37.0	28.0	28.0	25.0
Indicator value	97.1%	97.6%	97.7%	98.7%	99.6%	99.6%	99.2%	98.8%

Licensee Comments: none

ERO Drill Participation



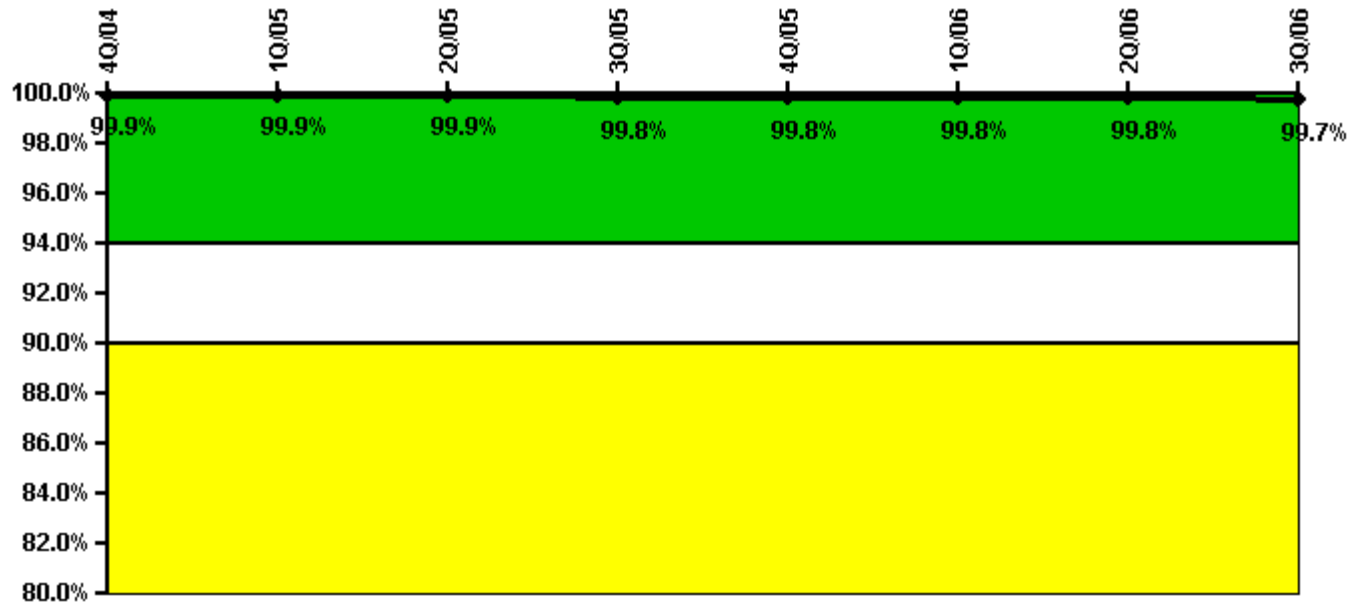
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	79.0	81.0	91.0	80.0	79.0	79.0	81.0	84.0
Total Key personnel	79.0	82.0	91.0	80.0	79.0	80.0	81.0	84.0
Indicator value	100.0%	98.8%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



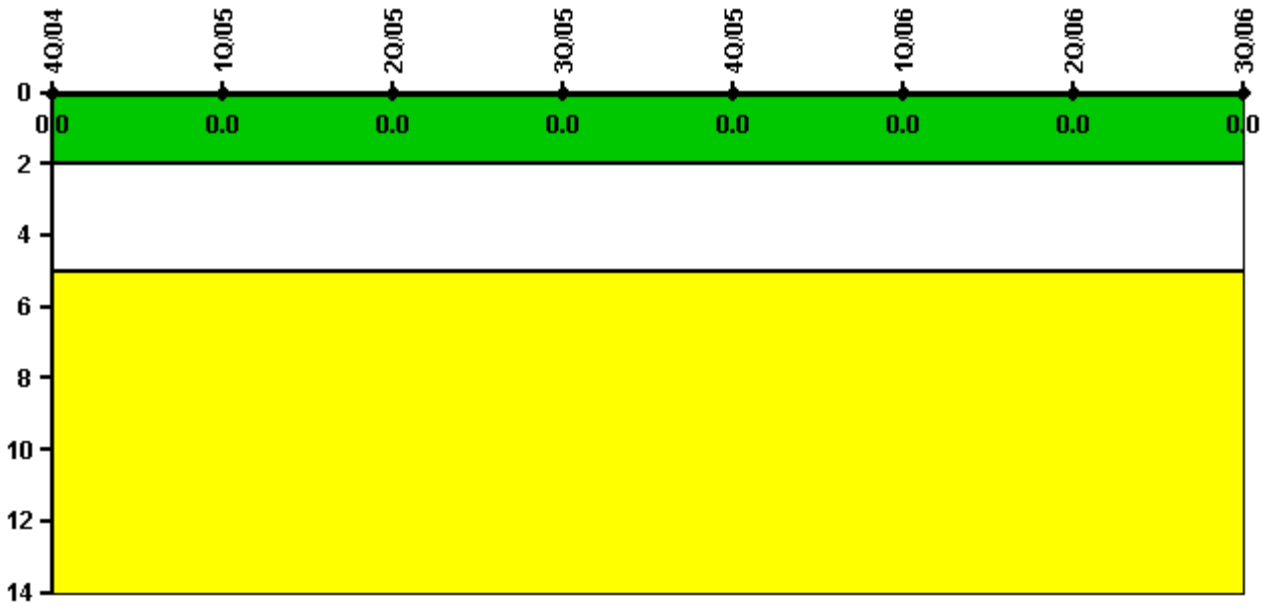
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	846	726	846	721	846	726	847	838
Total sirens-tests	847	726	847	726	847	726	847	847
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



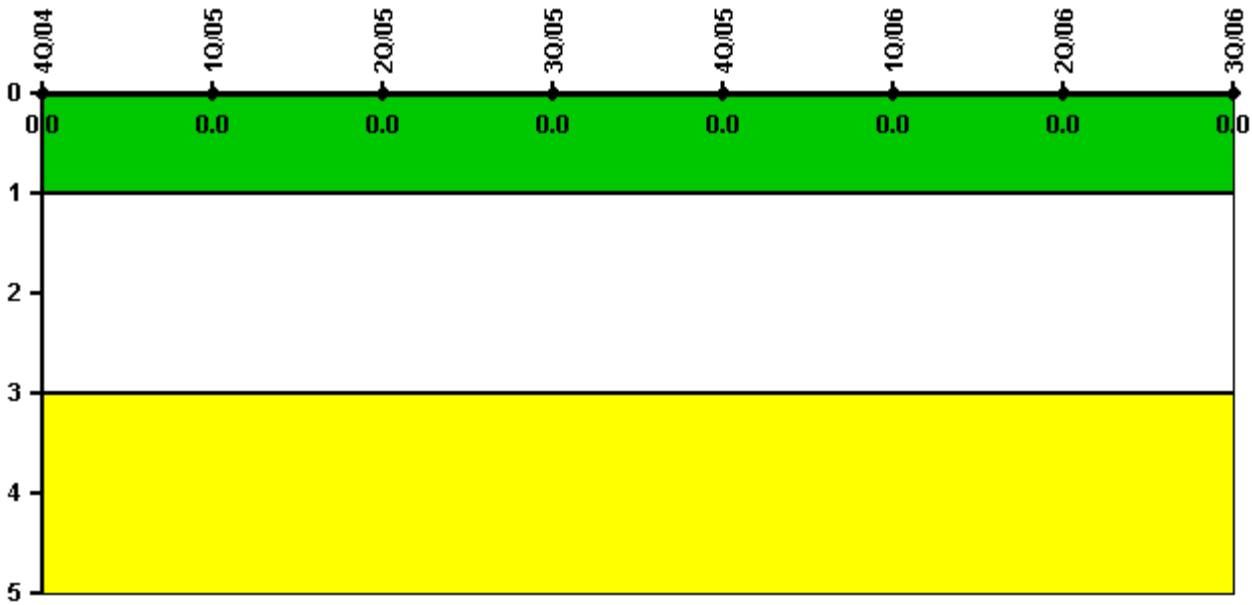
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

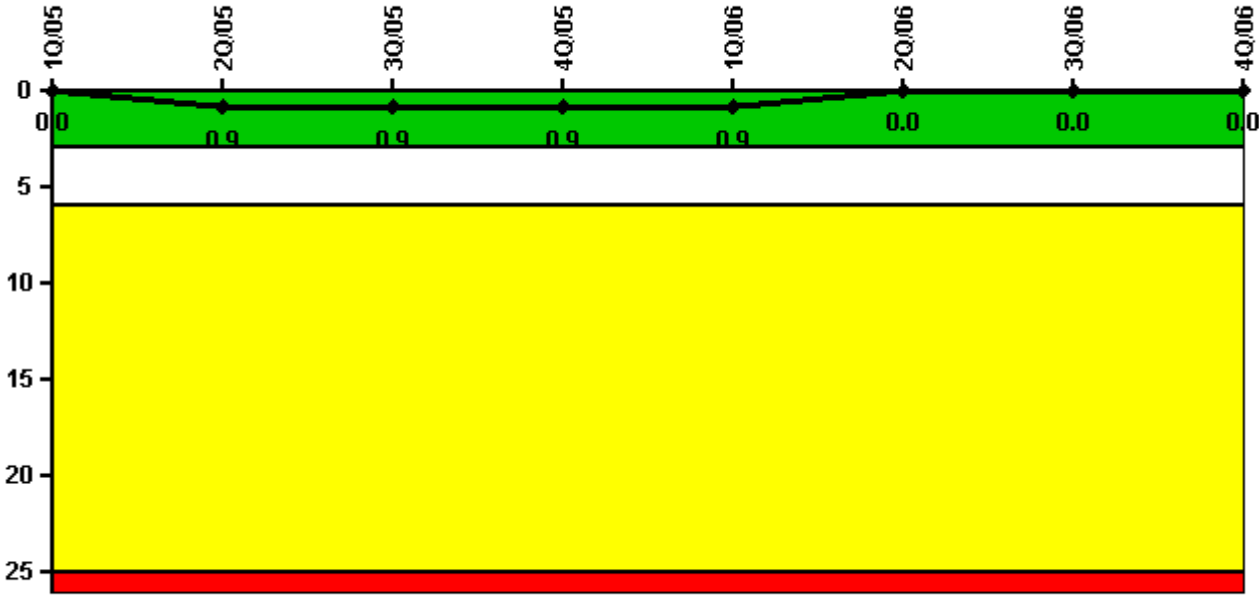
[Physical Protection](#) information not publicly available.

Seabrook 1

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



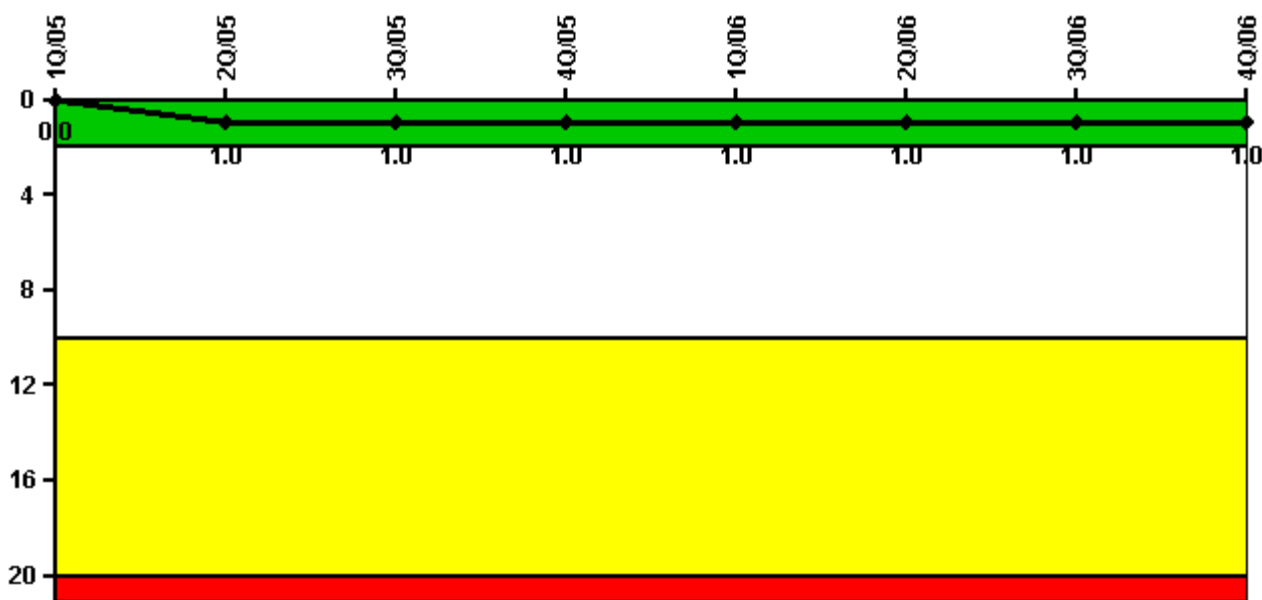
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



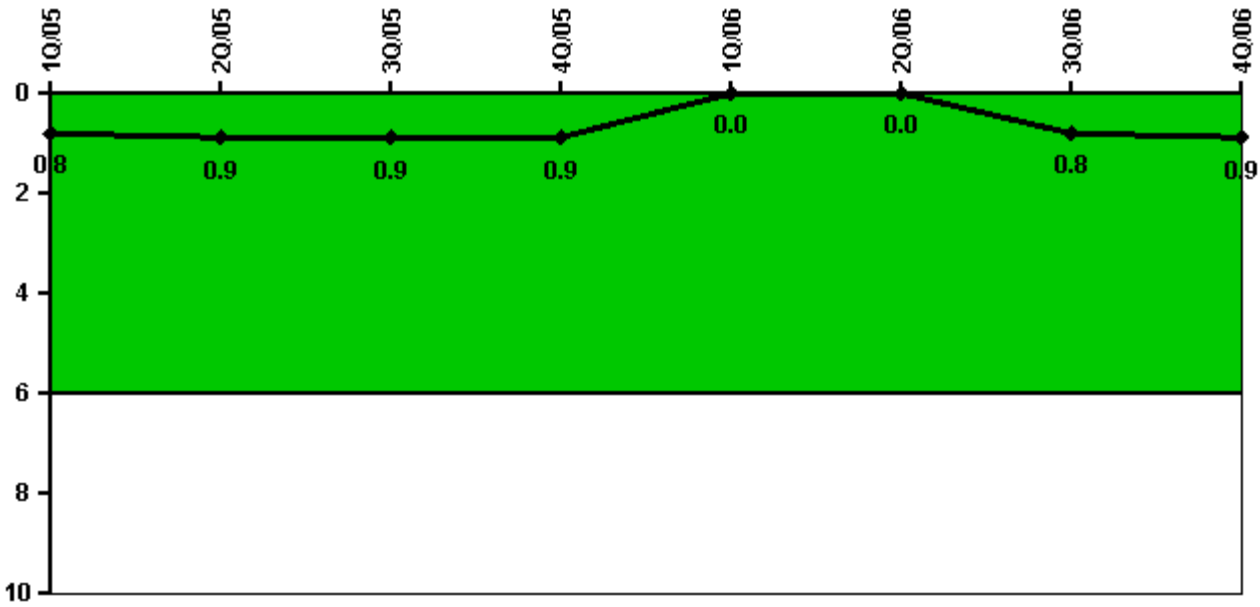
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



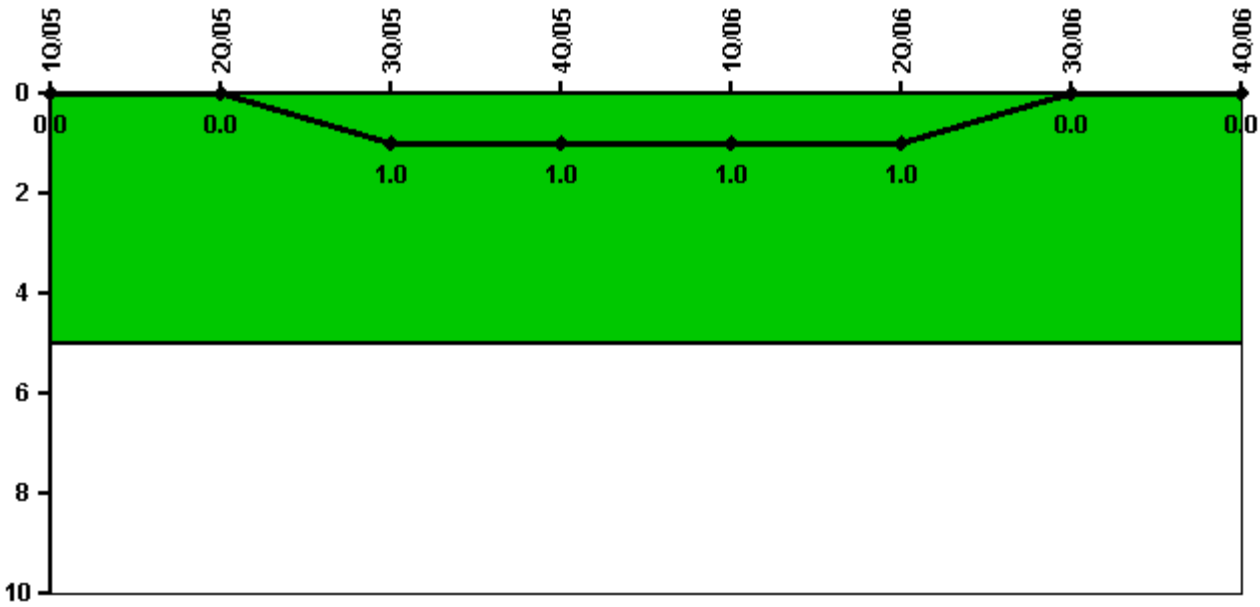
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8
Indicator value	0.8	0.9	0.9	0.9	0	0	0.8	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



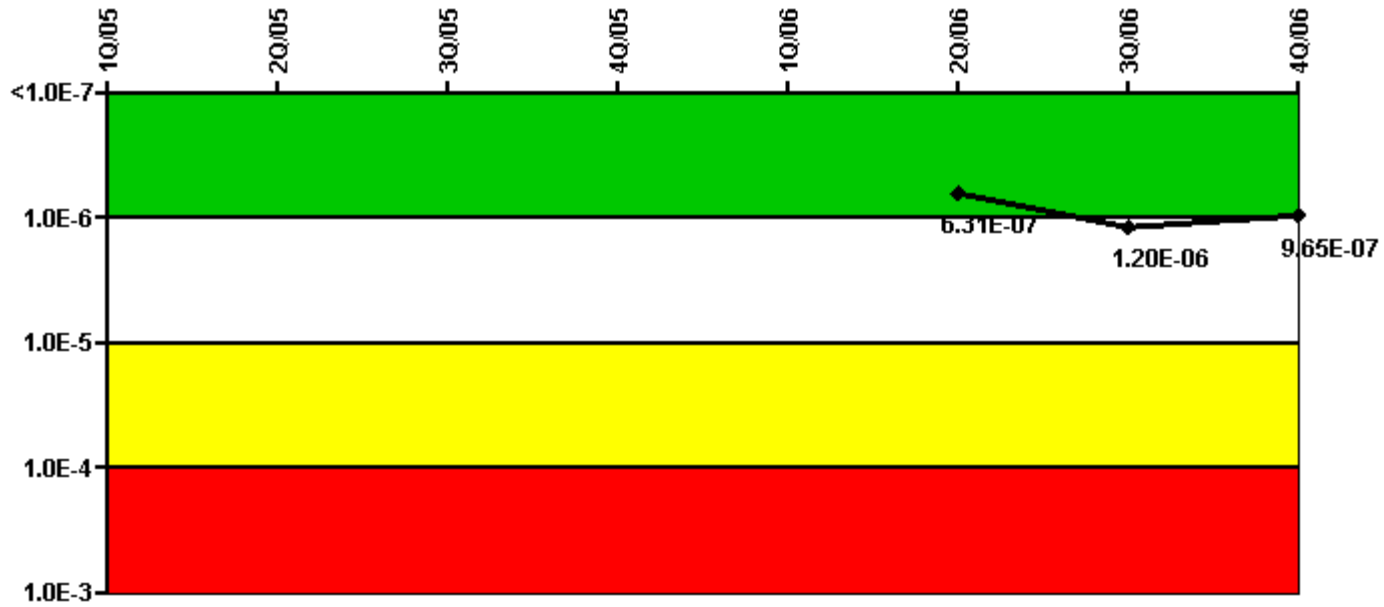
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

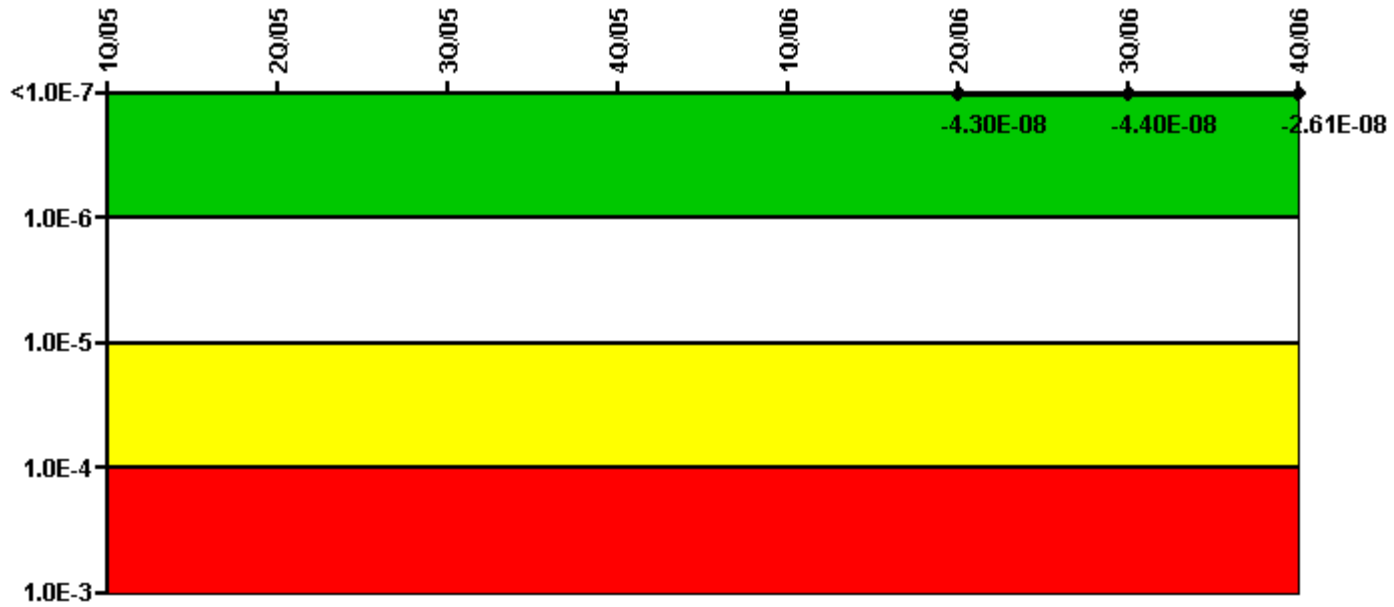
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-9.90E-08	-1.00E-07	-3.50E-08
URI (Δ CDF)						7.30E-07	1.30E-06	1.00E-06
PLE						NO	NO	NO
Indicator value						6.31E-07	1.20E-06	9.65E-07

Licensee Comments:

4Q/06: PRA Model and MSPI Basis Document updated effective 10/1/2006. Basis update is documented in Engineering Evaluation 06-031.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

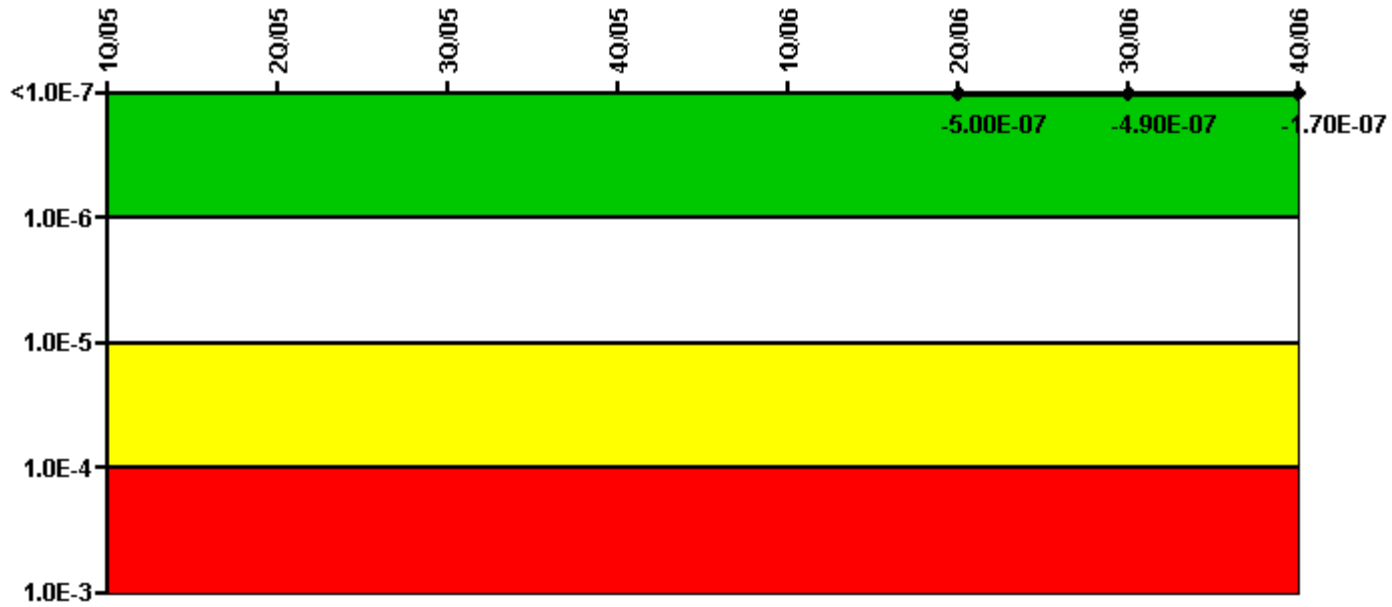
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.70E-08	-1.80E-08	-1.80E-08
URI (Δ CDF)						-2.60E-08	-2.60E-08	-8.10E-09
PLE						NO	NO	NO
Indicator value						-4.30E-08	-4.40E-08	-2.61E-08

Licensee Comments:

4Q/06: PRA Model and MSPI Basis Document updated effective 10/1/2006. Basis update is documented in Engineering Evaluation 06-031.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

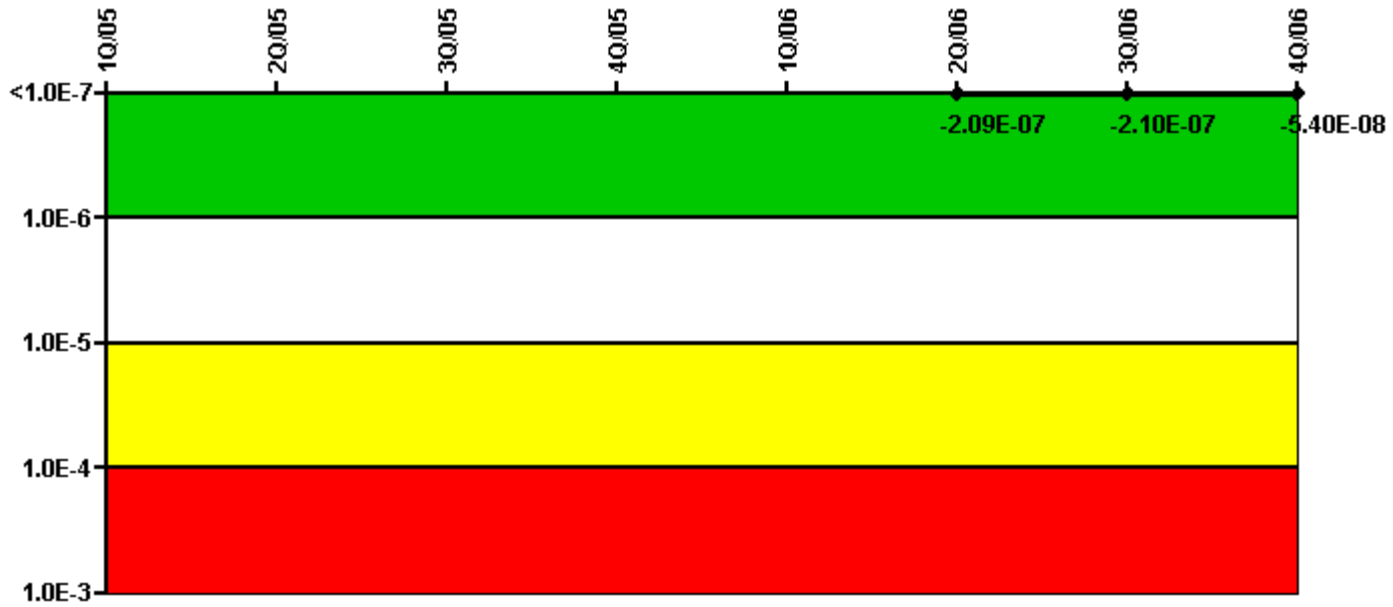
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.80E-07	-1.60E-07	-4.00E-08
URI (Δ CDF)						-3.20E-07	-3.30E-07	-1.30E-07
PLE						NO	NO	NO
Indicator value						-5.00E-07	-4.90E-07	-1.70E-07

Licensee Comments:

4Q/06: PRA Model and MSPI Basis Document updated effective 10/1/2006. Basis update is documented in Engineering Evaluation 06-031.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

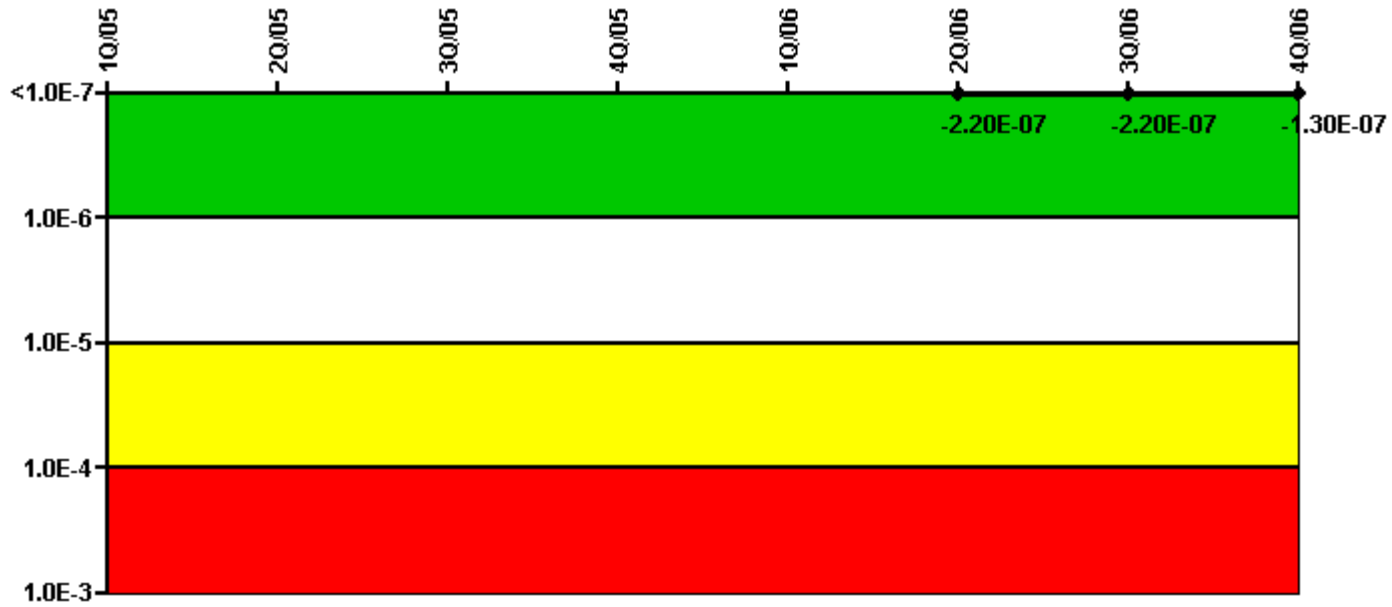
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-4.90E-08	-5.00E-08	-1.40E-08
URI (Δ CDF)						-1.60E-07	-1.60E-07	-4.00E-08
PLE						NO	NO	NO
Indicator value						-2.09E-07	-2.10E-07	-5.40E-08

Licensee Comments:

4Q/06: PRA Model and MSPI Basis Document updated effective 10/1/2006. Basis update is documented in Engineering Evaluation 06-031.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

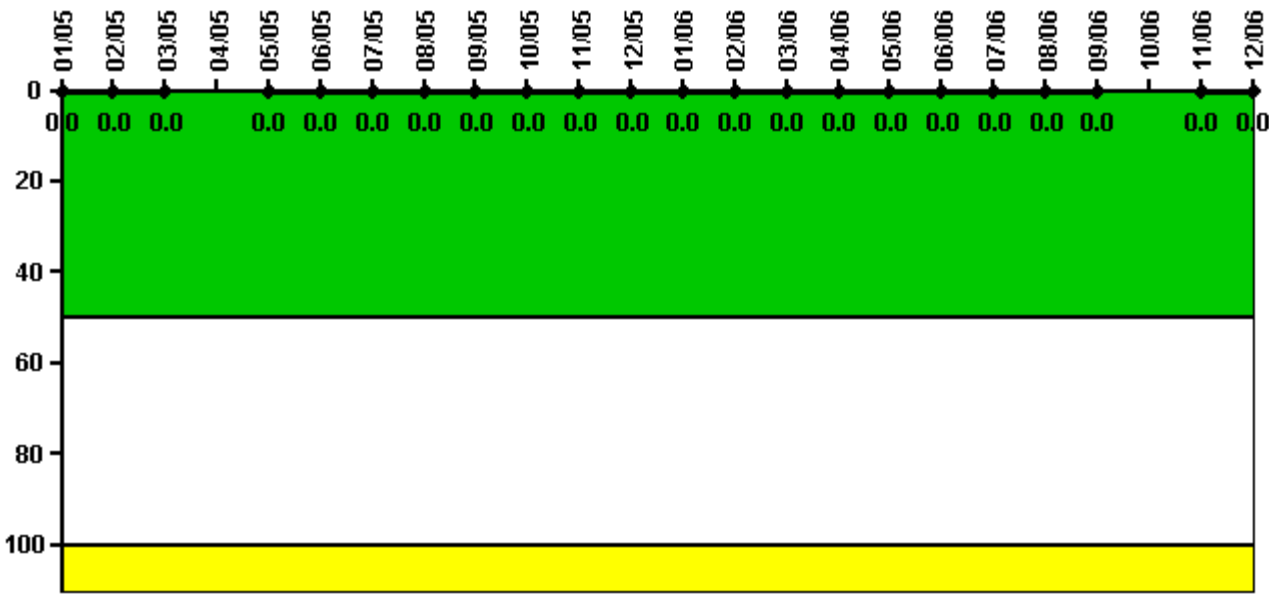
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.10E-11	-1.10E-11	-3.20E-14
URI (Δ CDF)						-2.20E-07	-2.20E-07	-1.30E-07
PLE						NO	NO	NO
Indicator value						-2.20E-07	-2.20E-07	-1.30E-07

Licensee Comments:

4Q/06: PRA Model and MSPI Basis Document updated effective 10/1/2006. Basis update is documented in Engineering Evaluation 06-031.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

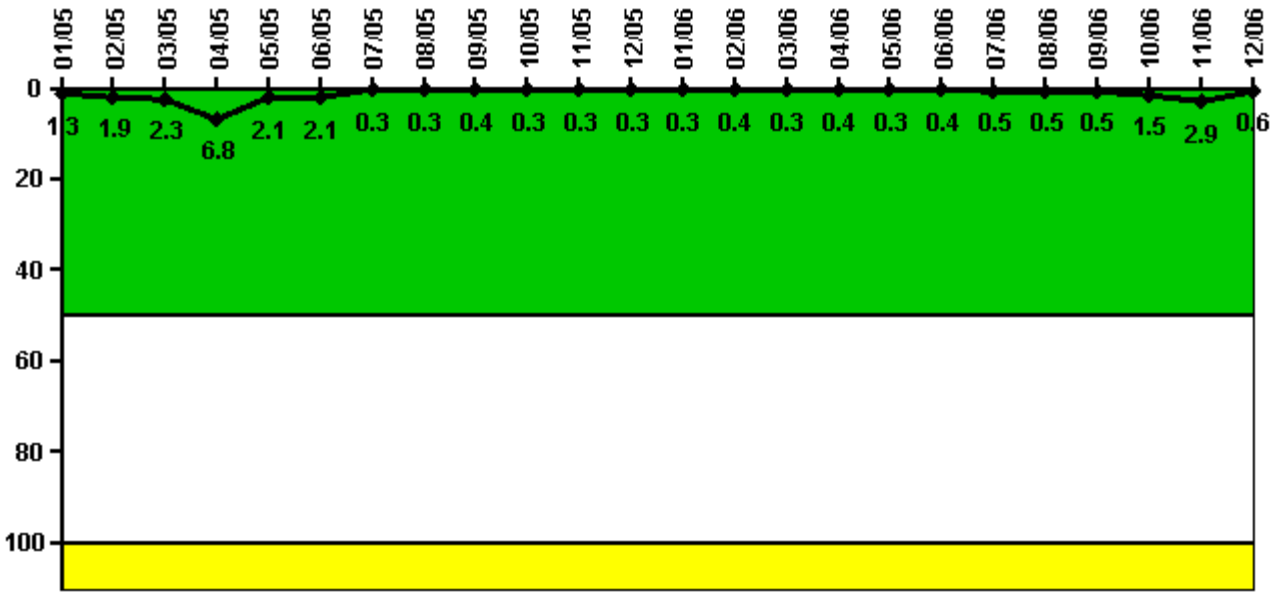
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125	N/A	0.000042	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



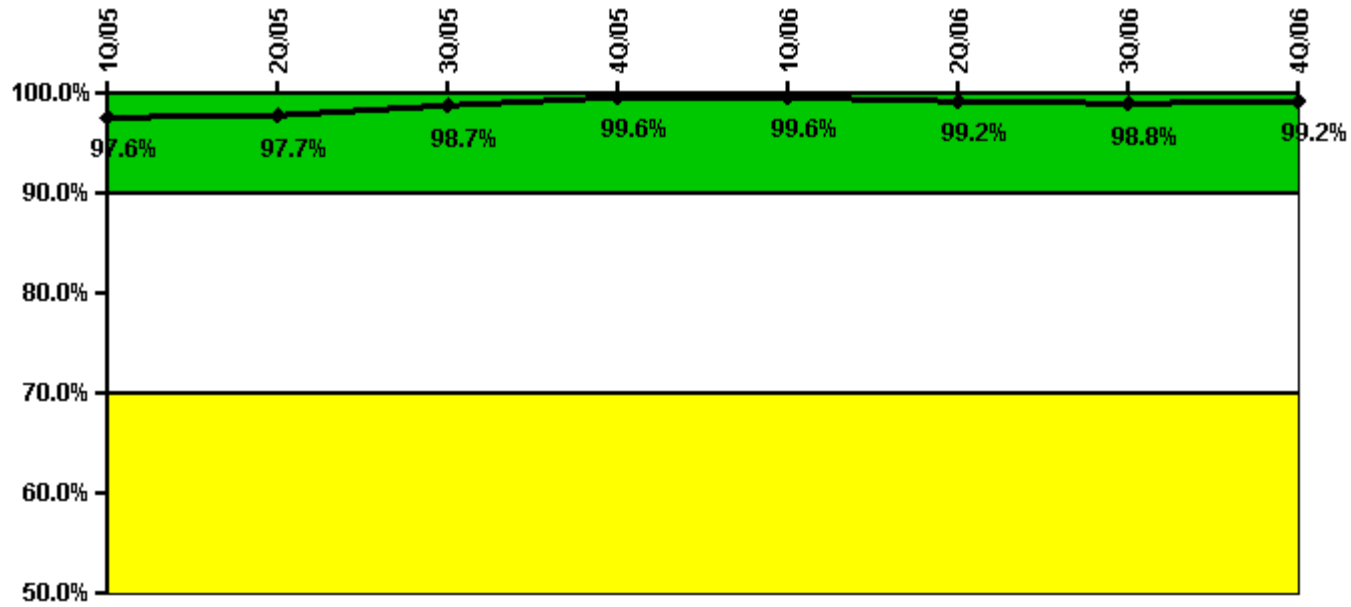
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040	0.032	0.031	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4	0.3	0.3	0.3
Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.030	0.040	0.034	0.040	0.031	0.040	0.046	0.050	0.050	0.152	0.290	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5	1.5	2.9	0.6

Licensee Comments: none

Drill/Exercise Performance



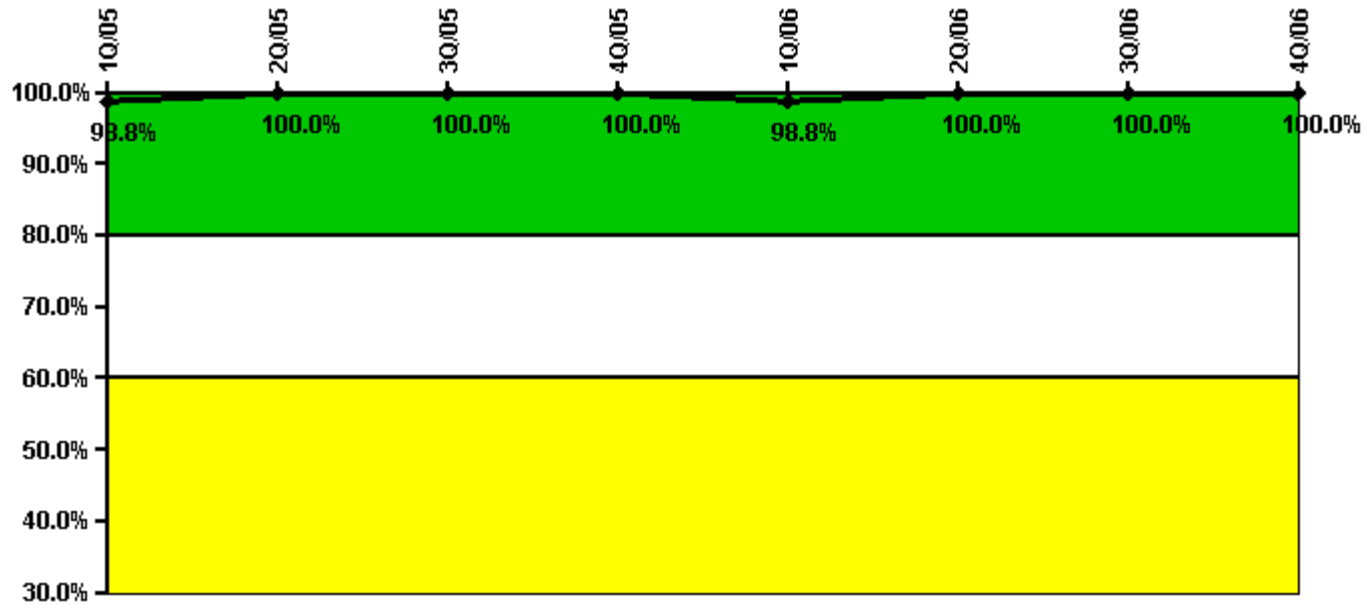
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	24.0	22.0	41.0	37.0	28.0	27.0	24.0	32.0
Total opportunities	24.0	22.0	41.0	37.0	28.0	28.0	25.0	32.0
Indicator value	97.6%	97.7%	98.7%	99.6%	99.6%	99.2%	98.8%	99.2%

Licensee Comments: none

ERO Drill Participation



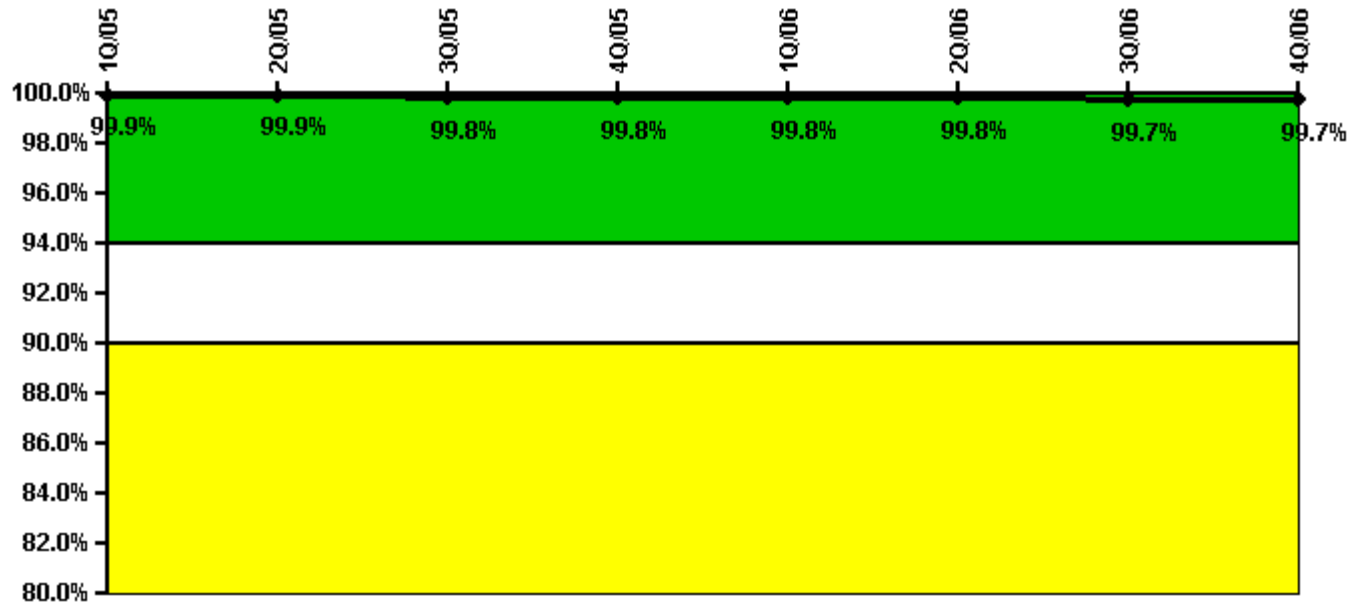
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	81.0	91.0	80.0	79.0	79.0	81.0	84.0	81.0
Total Key personnel	82.0	91.0	80.0	79.0	80.0	81.0	84.0	81.0
Indicator value	98.8%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



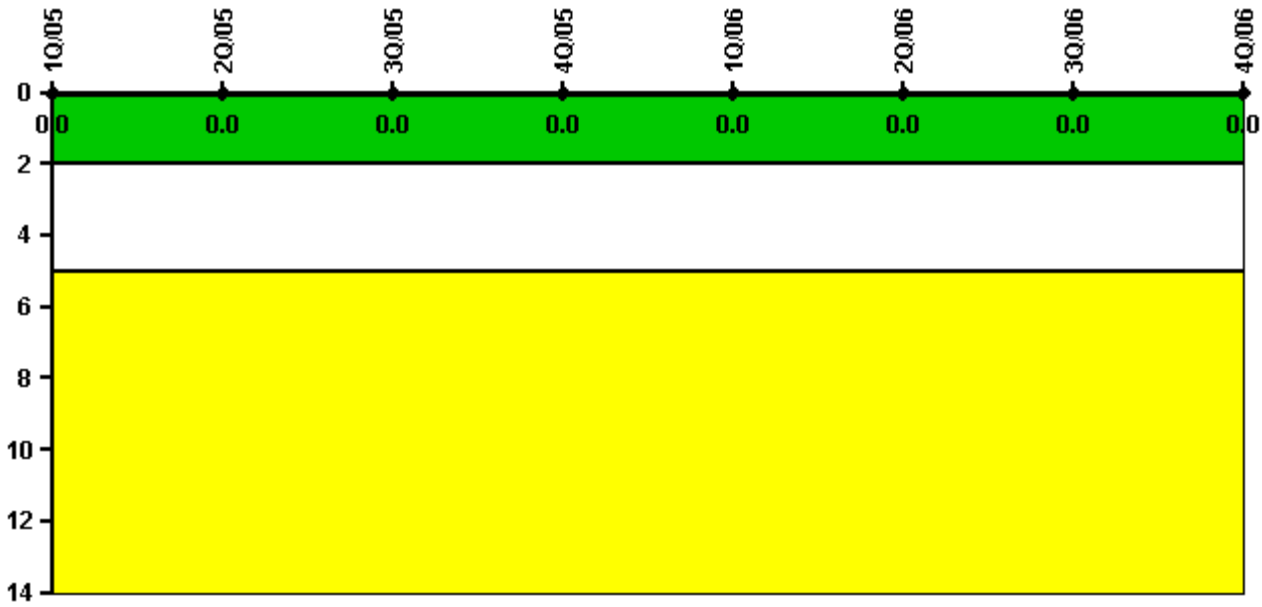
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	726	846	721	846	726	847	838	725
Total sirens-tests	726	847	726	847	726	847	847	726
Indicator value	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



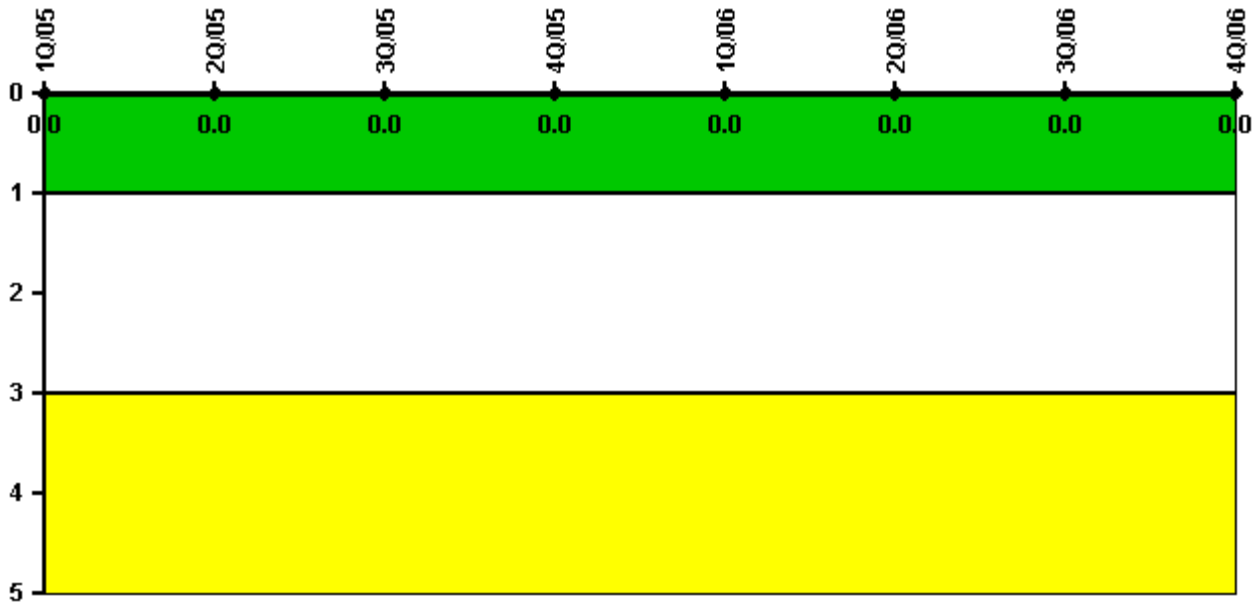
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

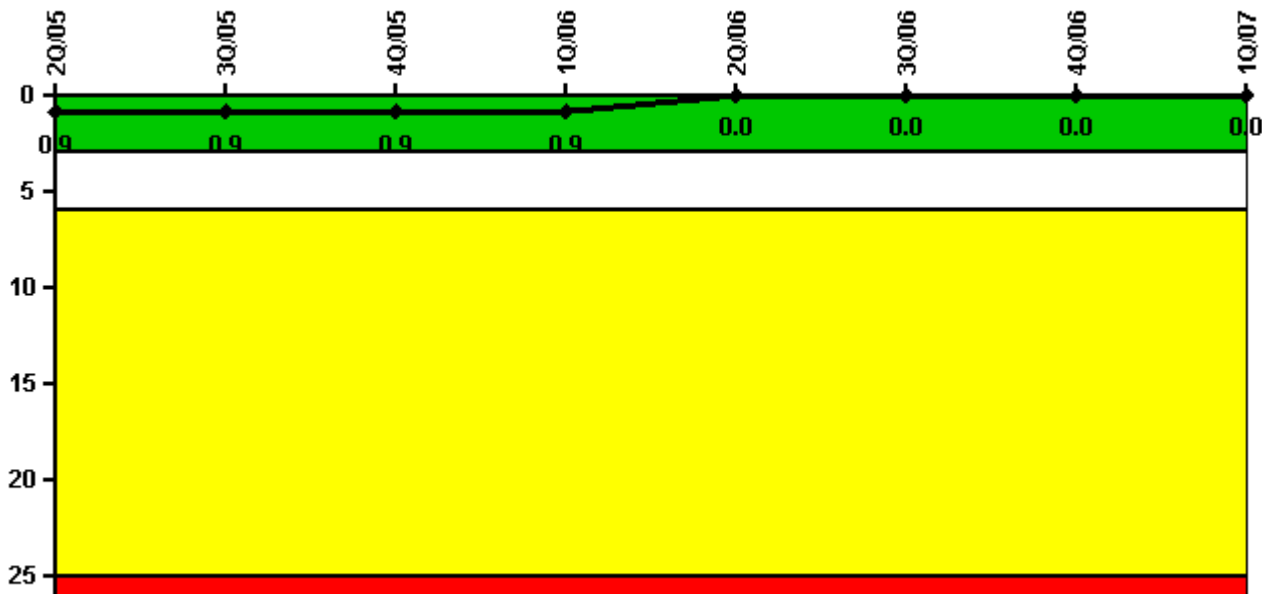
[Physical Protection](#) information not publicly available.

Seabrook 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



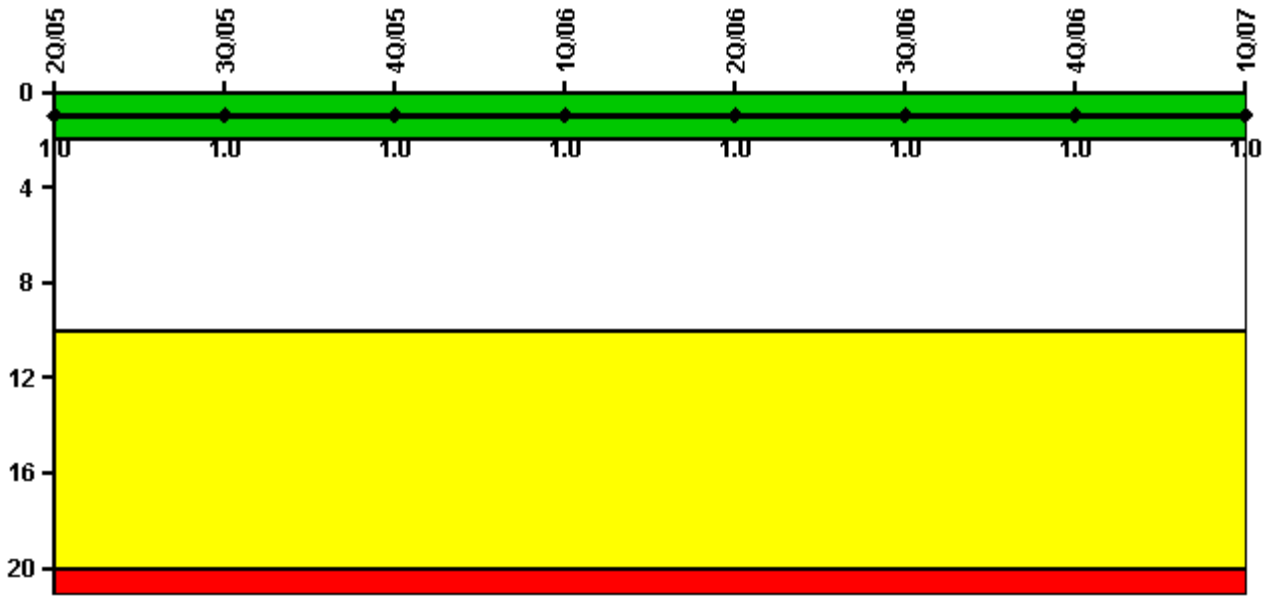
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



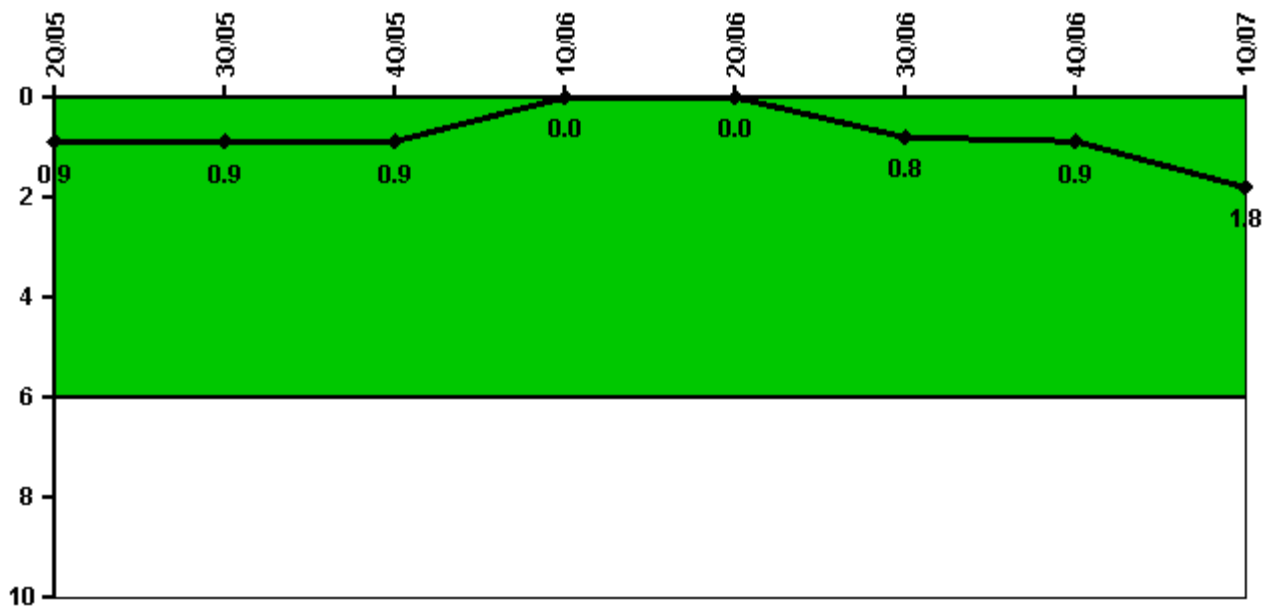
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	1.0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



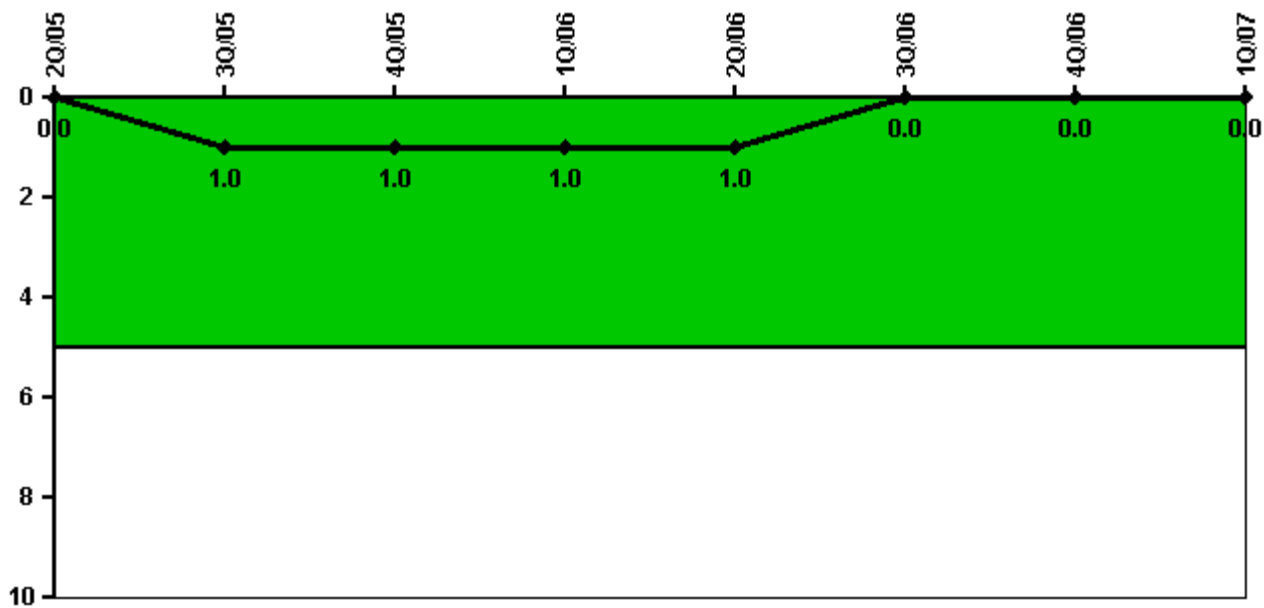
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0
Indicator value	0.9	0.9	0.9	0	0	0.8	0.9	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



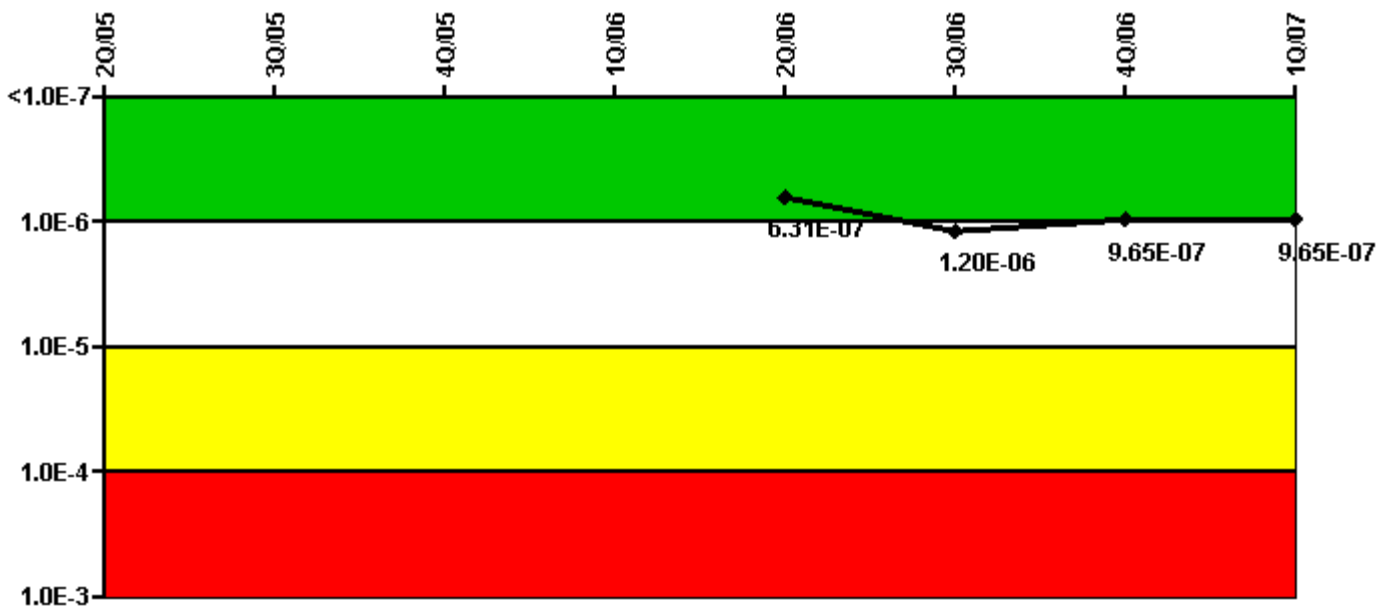
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



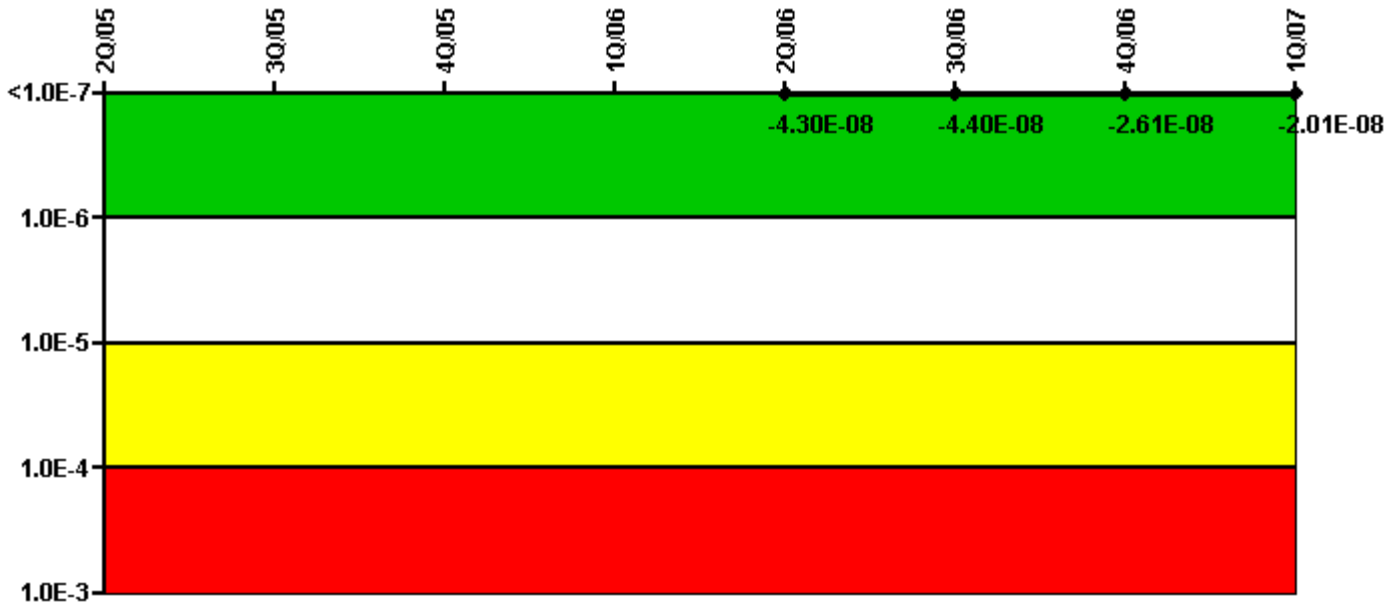
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-9.90E-08	-1.00E-07	-3.50E-08	-3.50E-08
URI (ΔCDF)					7.30E-07	1.30E-06	1.00E-06	1.00E-06
PLE					NO	NO	NO	NO
Indicator value					6.31E-07	1.20E-06	9.65E-07	9.65E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



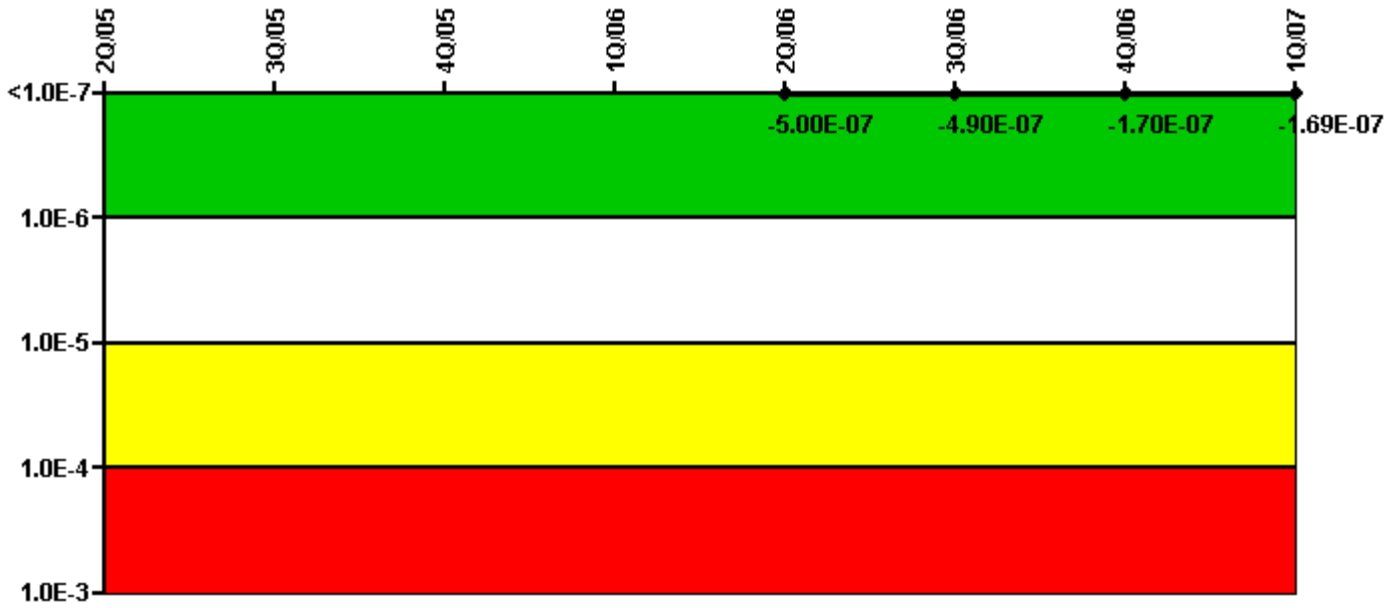
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.70E-08	-1.80E-08	-1.80E-08	-1.20E-08
URI (Δ CDF)					-2.60E-08	-2.60E-08	-8.10E-09	-8.10E-09
PLE					NO	NO	NO	NO
Indicator value					-4.30E-08	-4.40E-08	-2.61E-08	-2.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



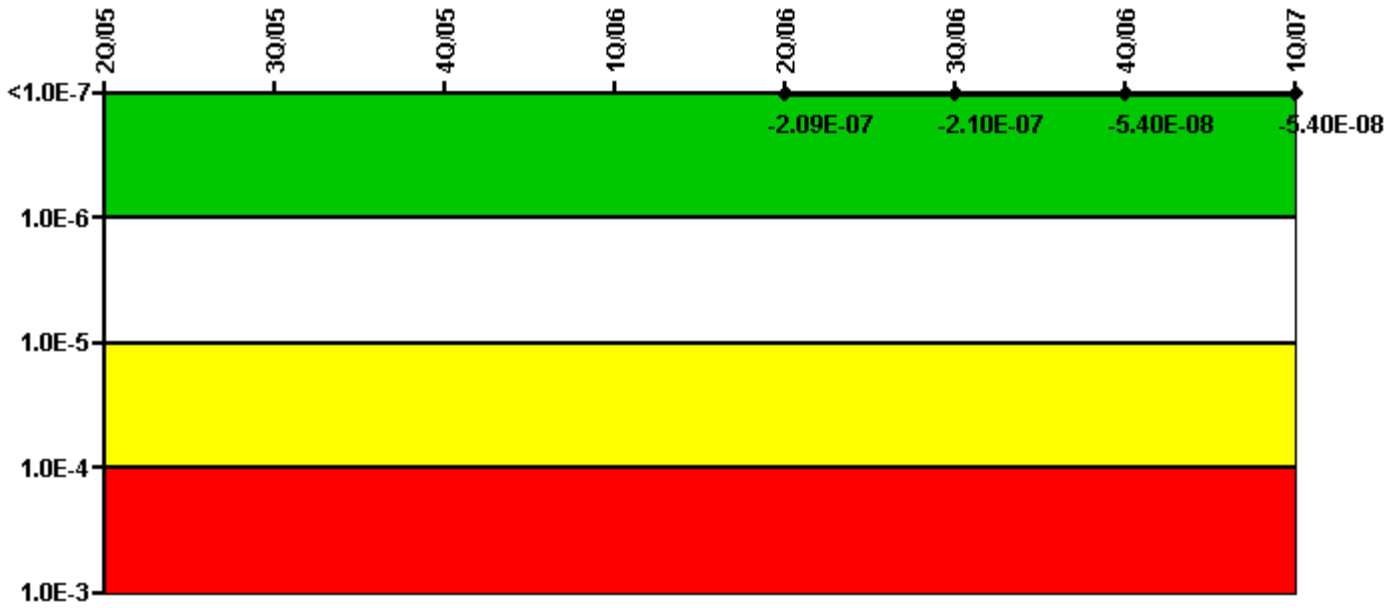
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.80E-07	-1.60E-07	-4.00E-08	-3.90E-08
URI (Δ CDF)					-3.20E-07	-3.30E-07	-1.30E-07	-1.30E-07
PLE					NO	NO	NO	NO
Indicator value					-5.00E-07	-4.90E-07	-1.70E-07	-1.69E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



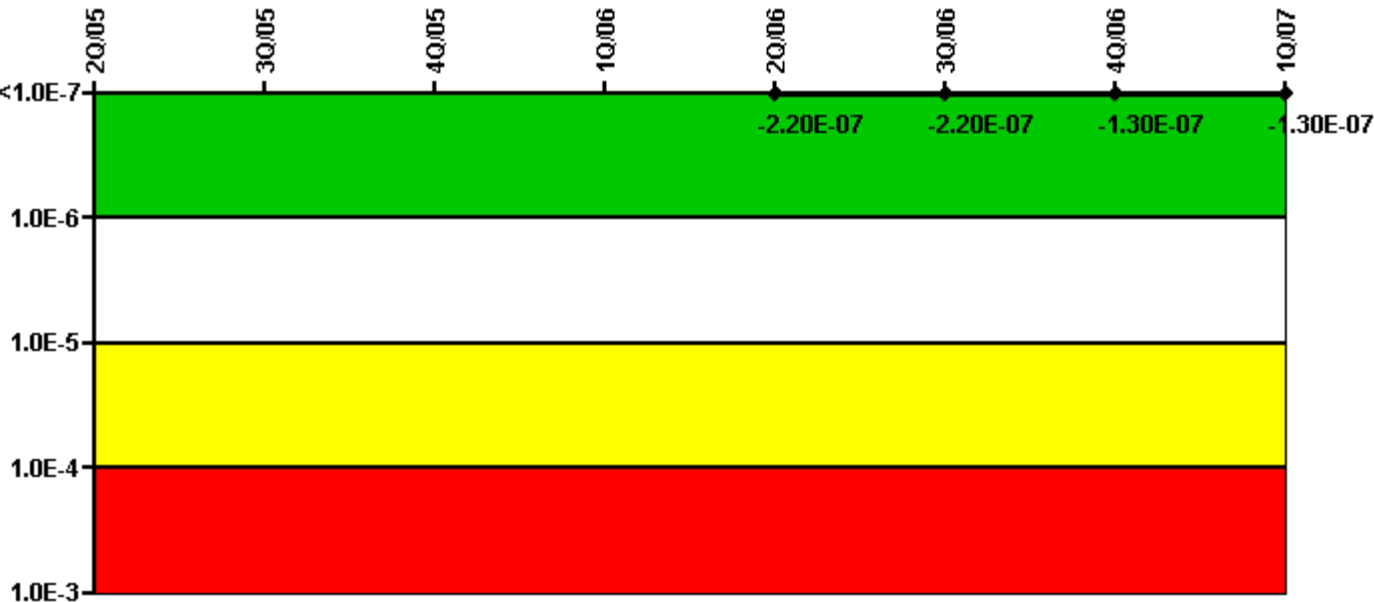
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-4.90E-08	-5.00E-08	-1.40E-08	-1.40E-08
URI (Δ CDF)					-1.60E-07	-1.60E-07	-4.00E-08	-4.00E-08
PLE					NO	NO	NO	NO
Indicator value					-2.09E-07	-2.10E-07	-5.40E-08	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



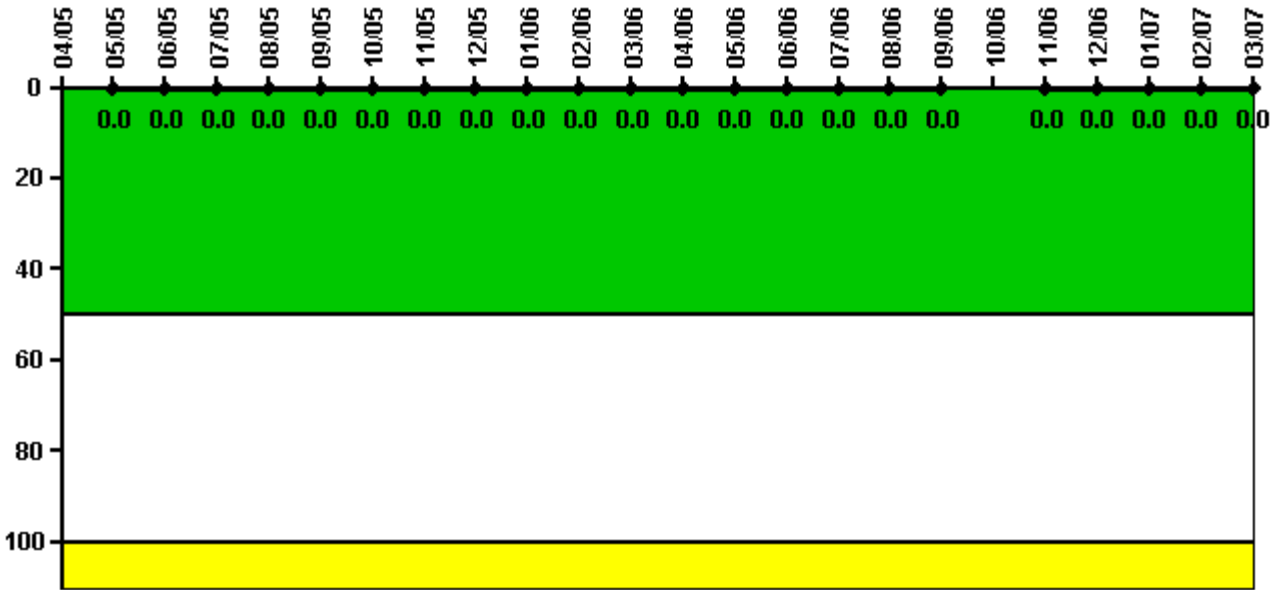
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-1.10E-11	-1.10E-11	-3.20E-14	-3.20E-14
URI (ΔCDF)					-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07
PLE					NO	NO	NO	NO
Indicator value					-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

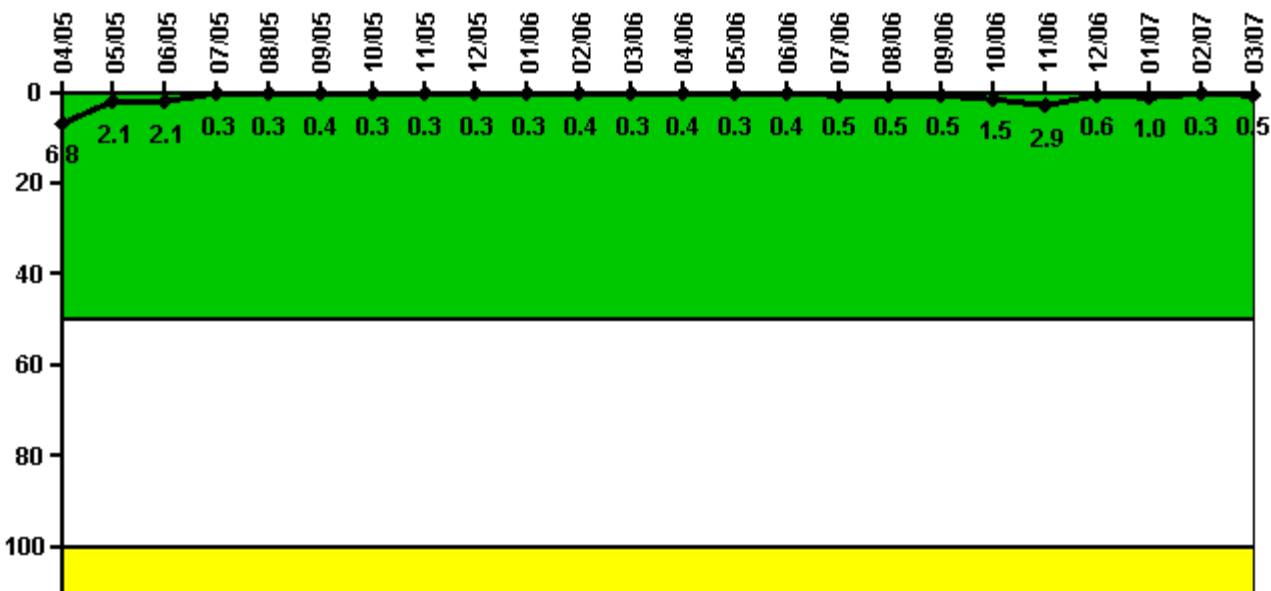
Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	N/A	0.000062	0.000074	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125	N/A	0.000042	0.000059	0.000058	0.000077	0.000070
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

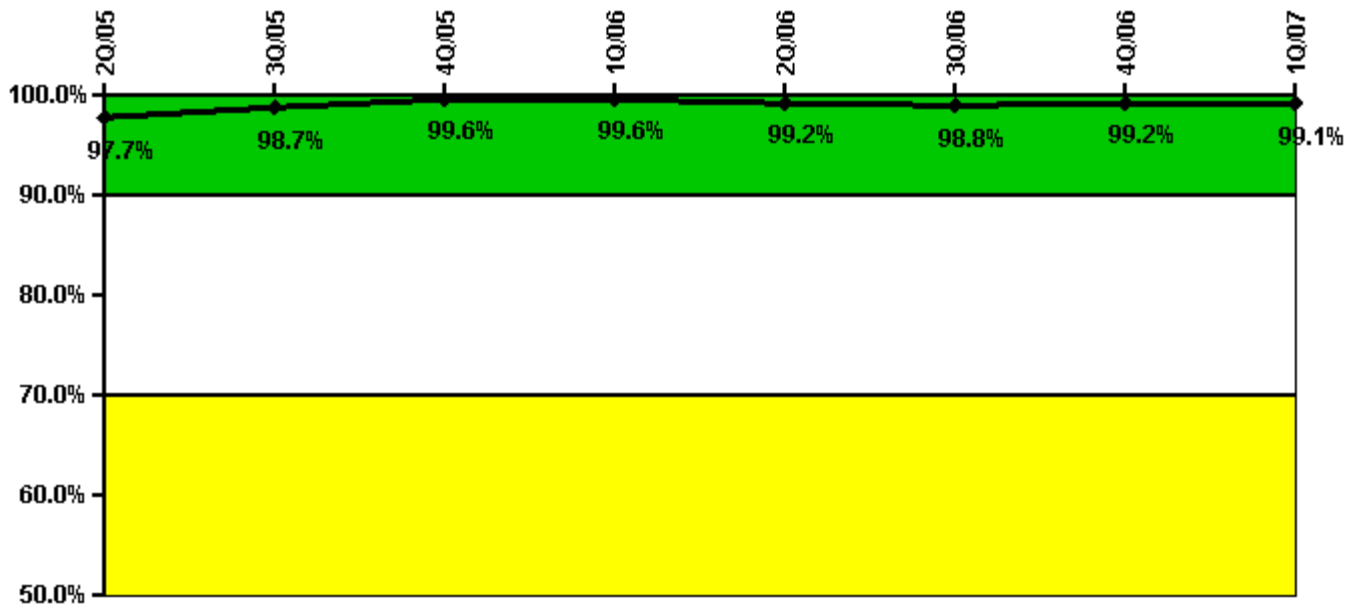
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.680	0.210	0.205	0.031	0.030	0.040	0.032	0.031	0.033	0.030	0.040	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	6.8	2.1	2.1	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.040	0.031	0.040	0.046	0.050	0.050	0.152	0.290	0.060	0.103	0.030	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.5	0.5	0.5	1.5	2.9	0.6	1.0	0.3	0.5

Licensee Comments: none

Drill/Exercise Performance



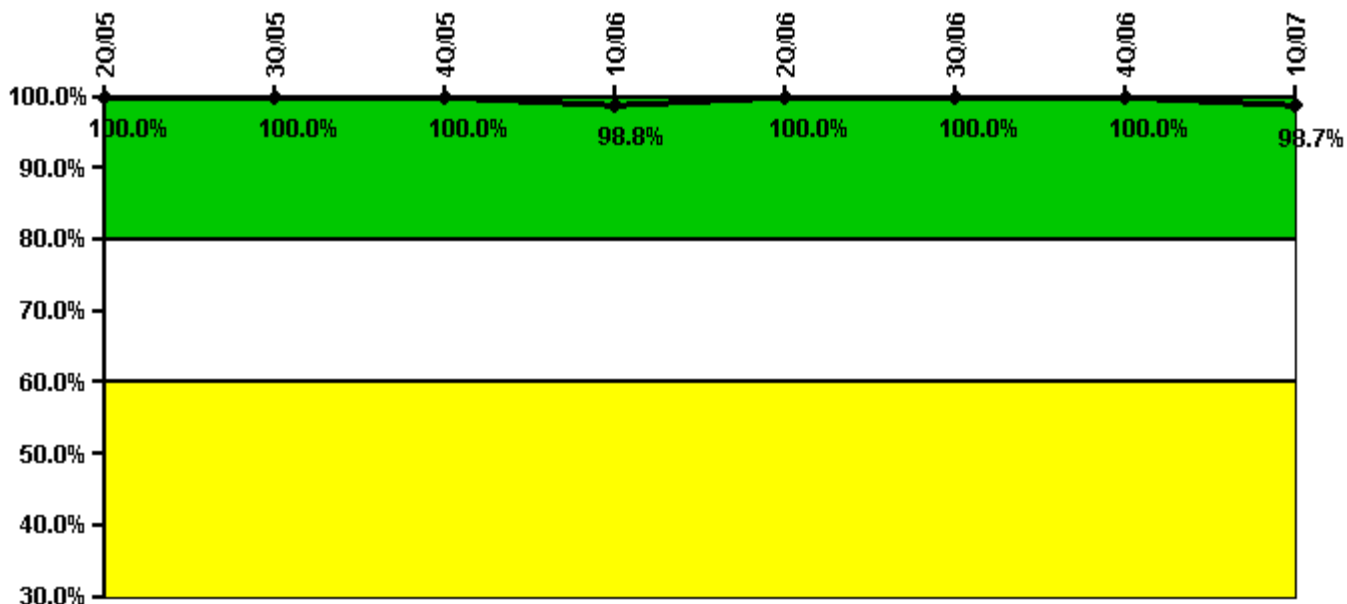
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	22.0	41.0	37.0	28.0	27.0	24.0	32.0	18.0
Total opportunities	22.0	41.0	37.0	28.0	28.0	25.0	32.0	18.0
Indicator value	97.7%	98.7%	99.6%	99.6%	99.2%	98.8%	99.2%	99.1%

Licensee Comments: none

ERO Drill Participation



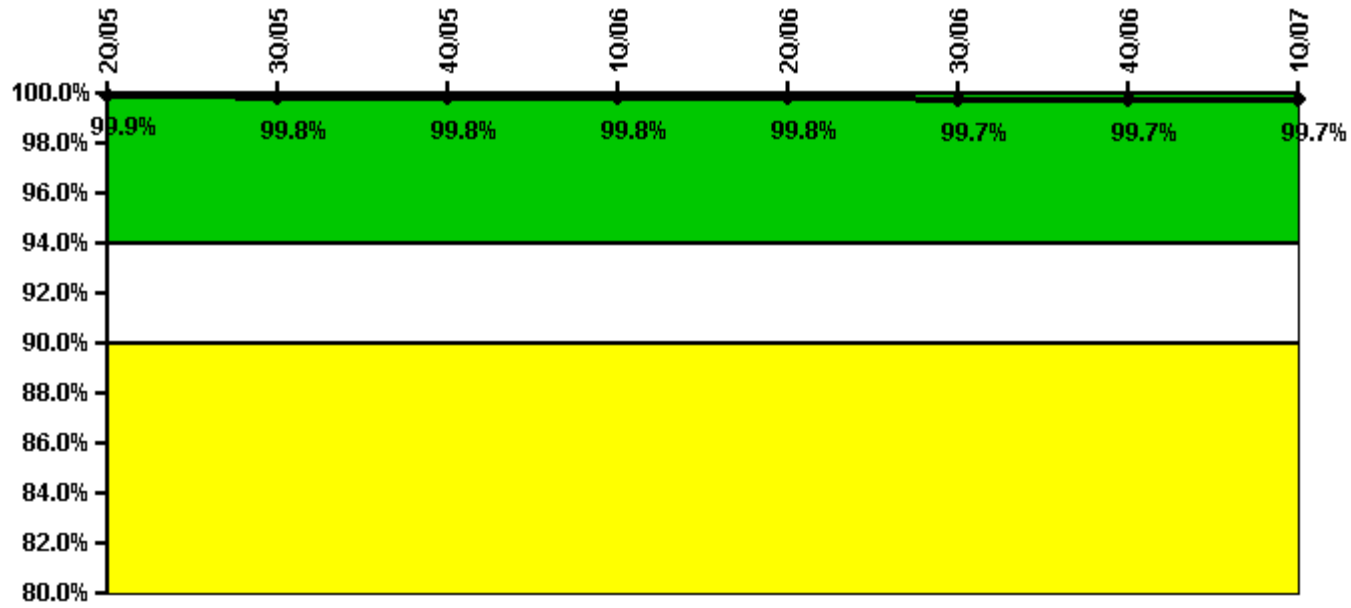
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	91.0	80.0	79.0	79.0	81.0	84.0	81.0	77.0
Total Key personnel	91.0	80.0	79.0	80.0	81.0	84.0	81.0	78.0
Indicator value	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%	98.7%

Licensee Comments: none

Alert & Notification System



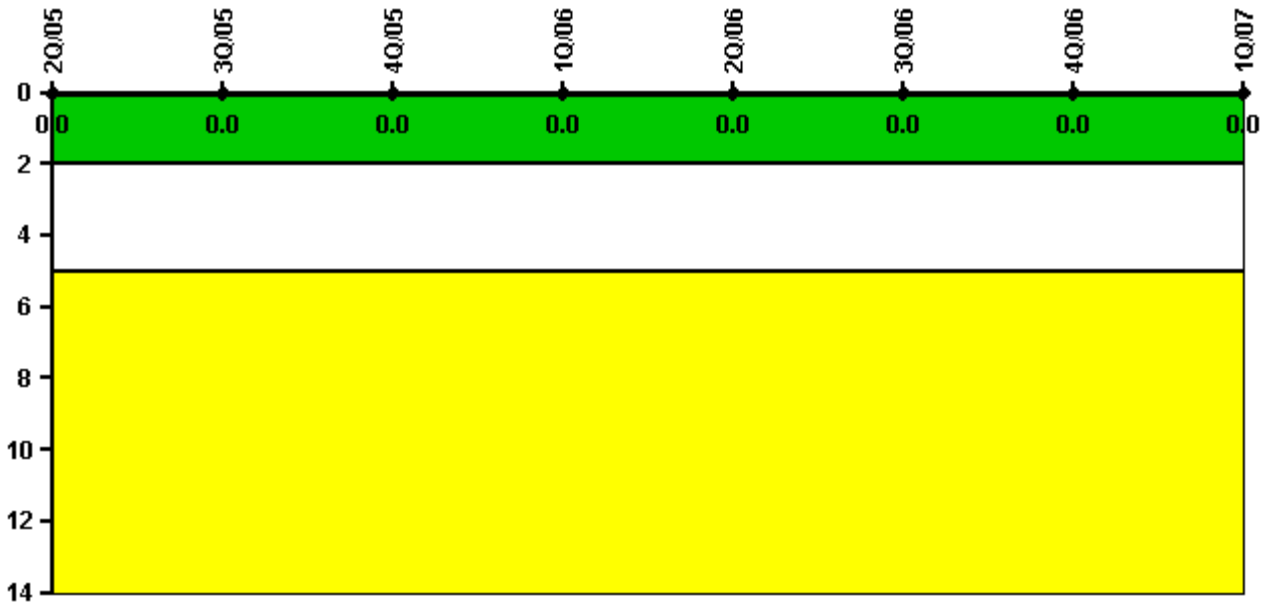
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	846	721	846	726	847	838	725	847
Total sirens-tests	847	726	847	726	847	847	726	847
Indicator value	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



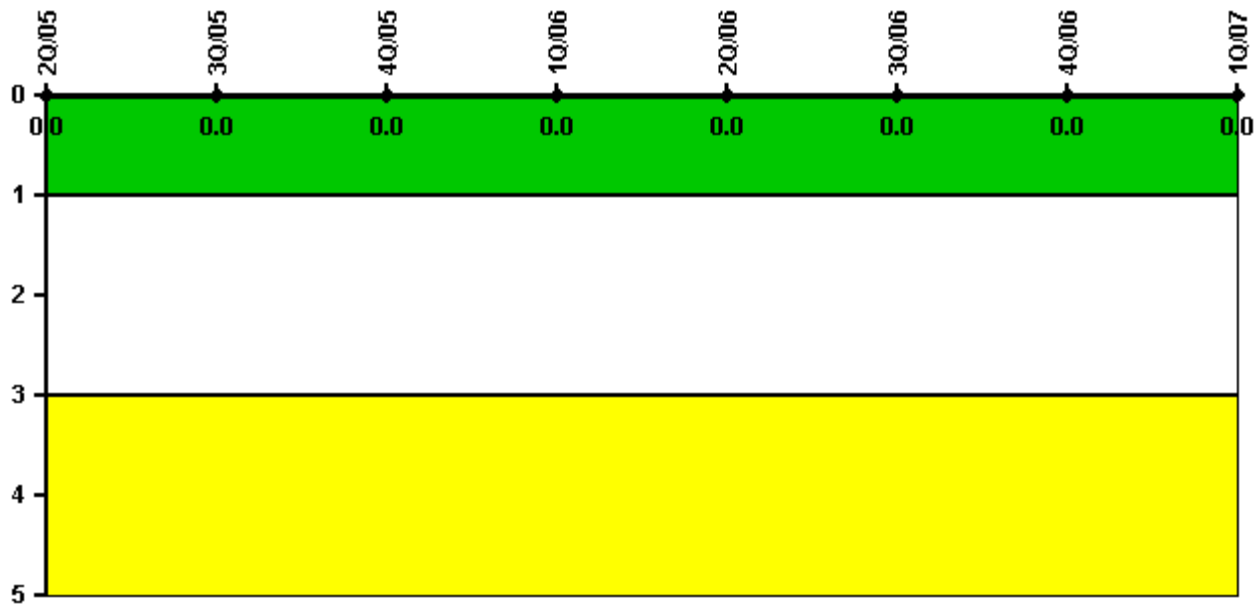
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

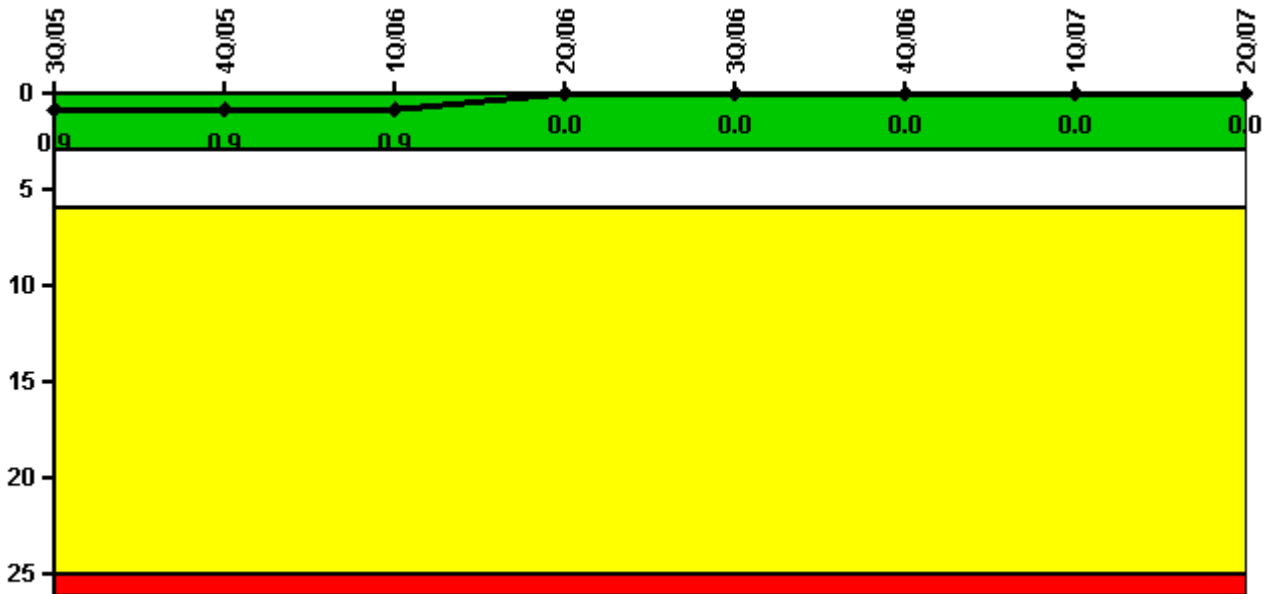
[Physical Protection](#) information not publicly available.

Seabrook 1

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



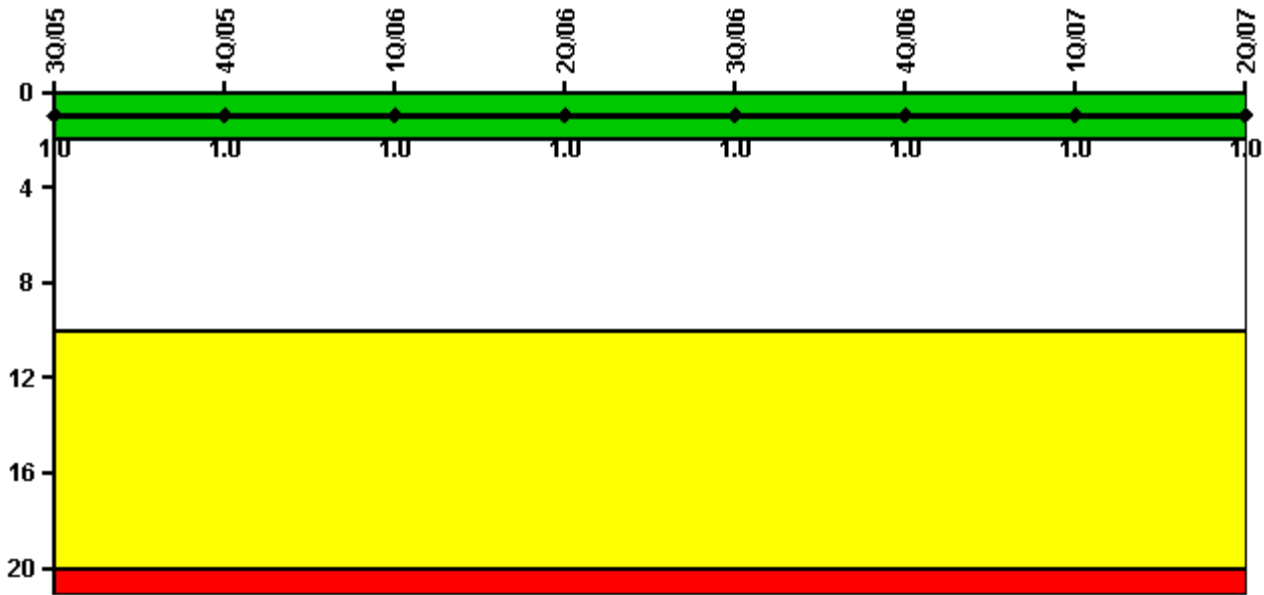
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



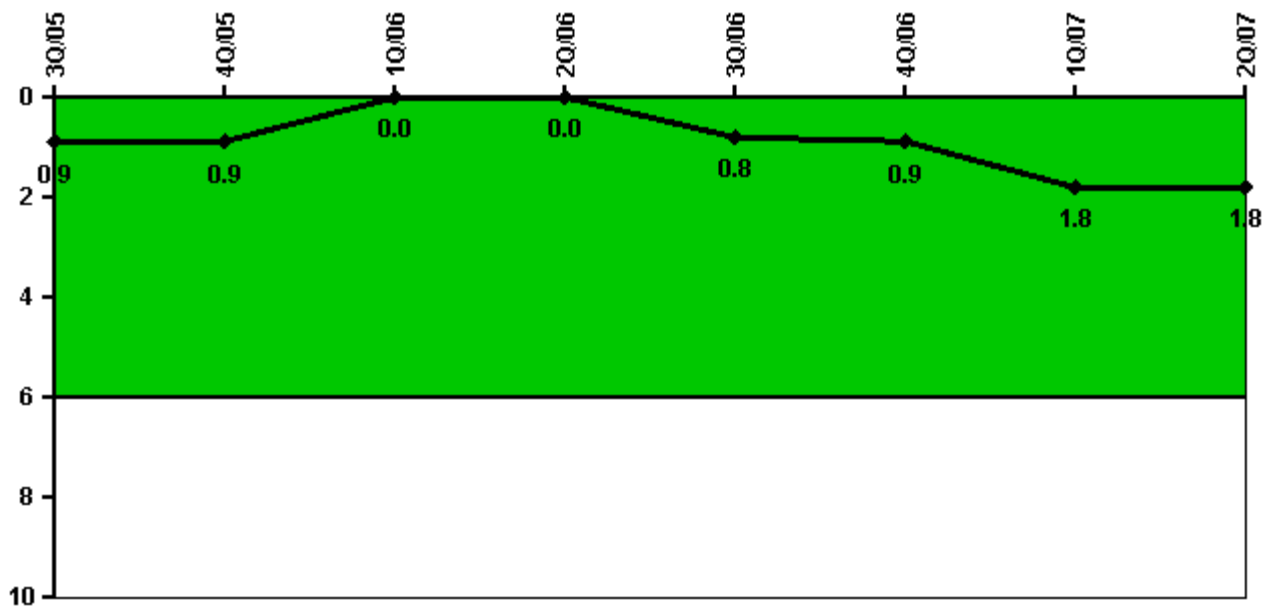
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



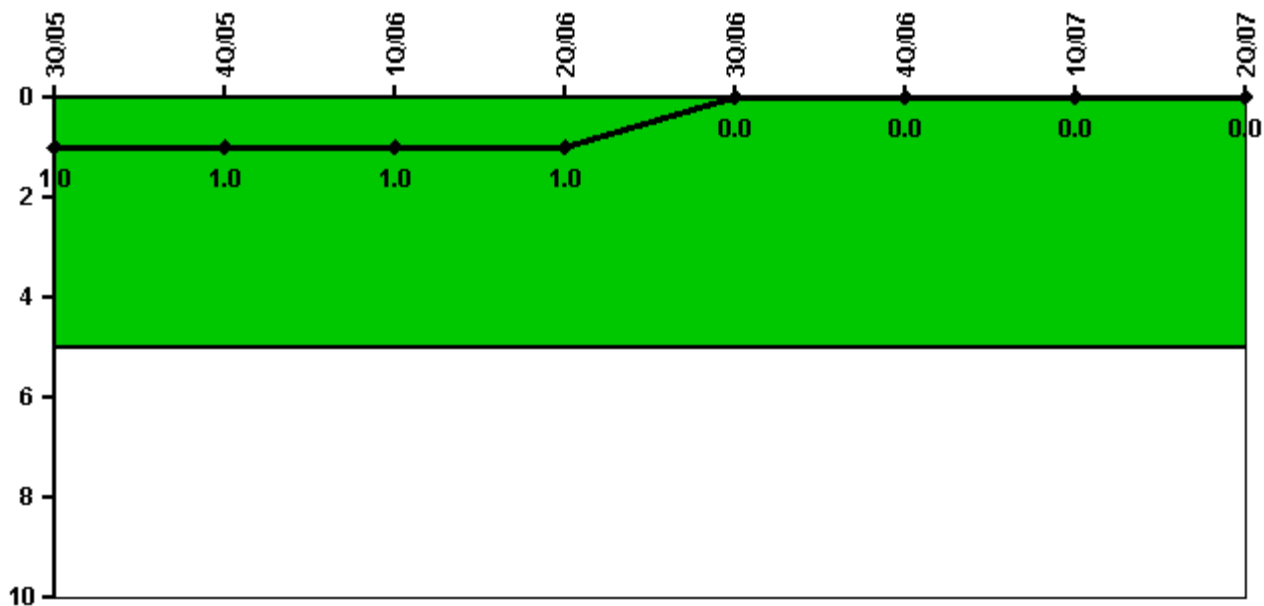
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0
Indicator value	0.9	0.9	0	0	0.8	0.9	1.8	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



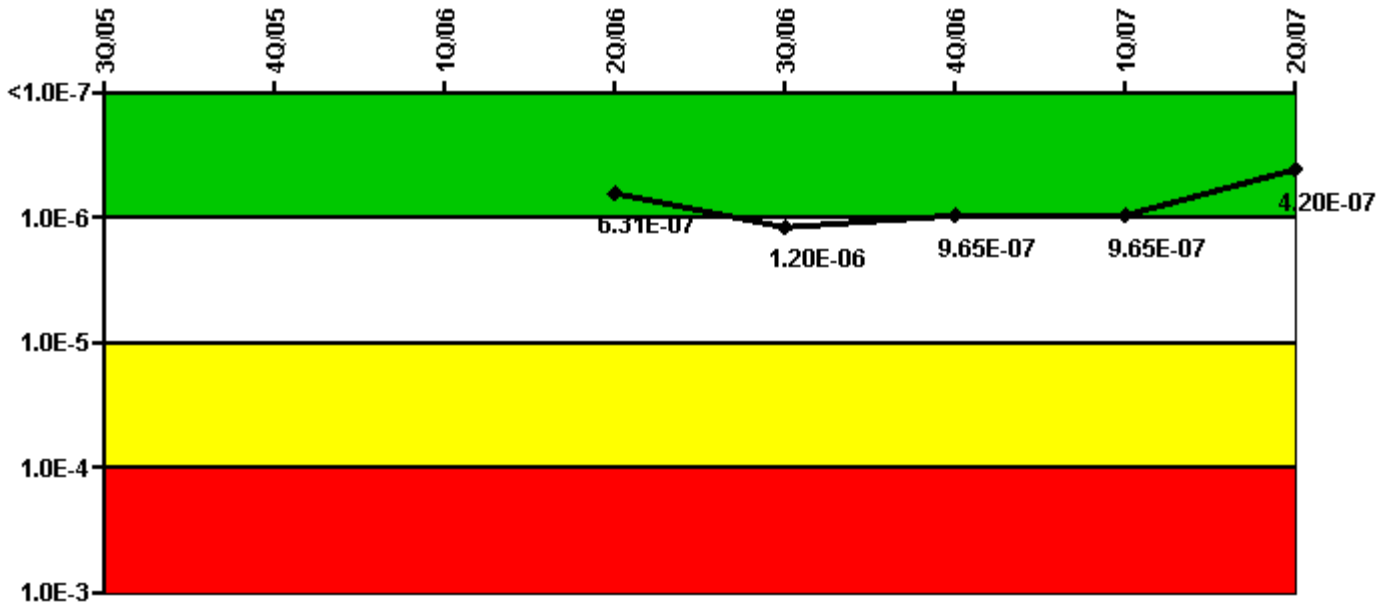
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



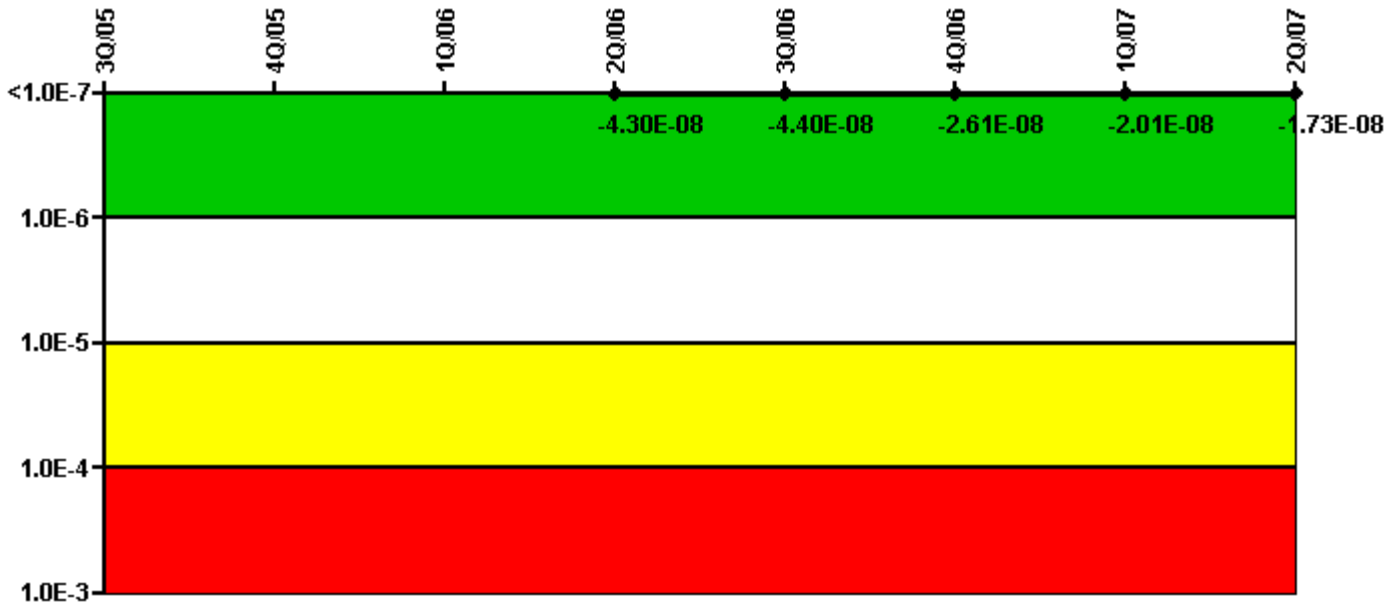
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-9.90E-08	-1.00E-07	-3.50E-08	-3.50E-08	-5.00E-08
URI (ΔCDF)				7.30E-07	1.30E-06	1.00E-06	1.00E-06	4.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				6.31E-07	1.20E-06	9.65E-07	9.65E-07	4.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



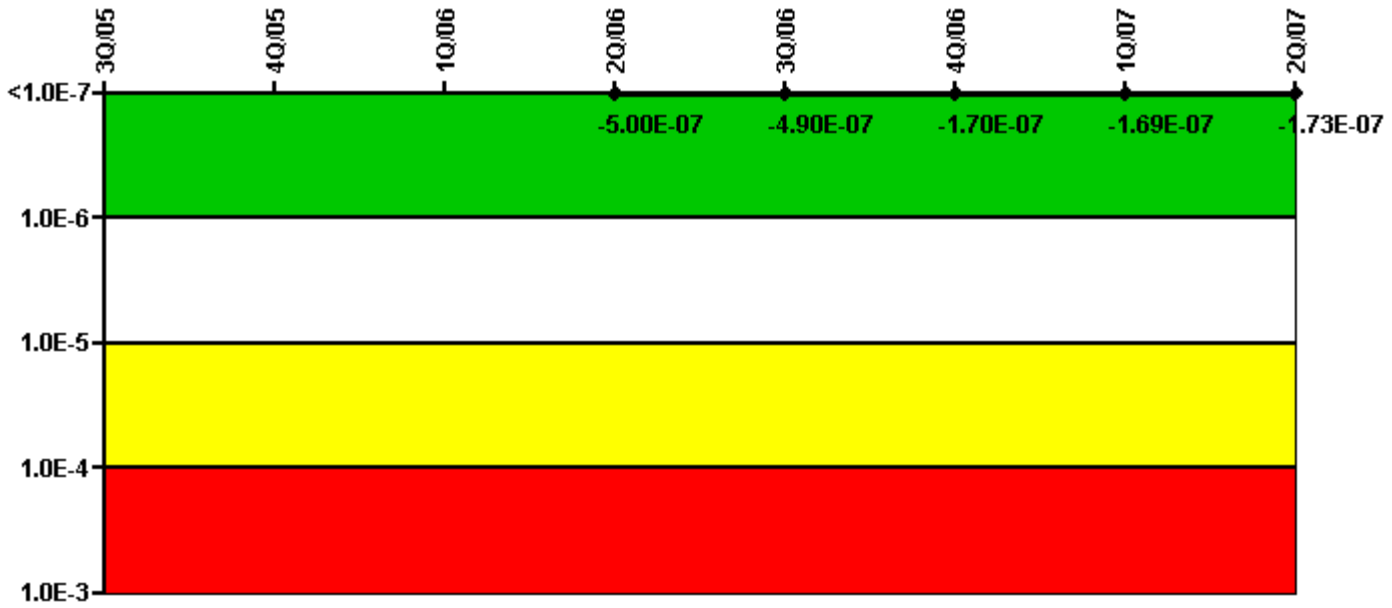
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-1.70E-08	-1.80E-08	-1.80E-08	-1.20E-08	-9.10E-09
URI (Δ CDF)				-2.60E-08	-2.60E-08	-8.10E-09	-8.10E-09	-8.20E-09
PLE				NO	NO	NO	NO	NO
Indicator value				-4.30E-08	-4.40E-08	-2.61E-08	-2.01E-08	-1.73E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



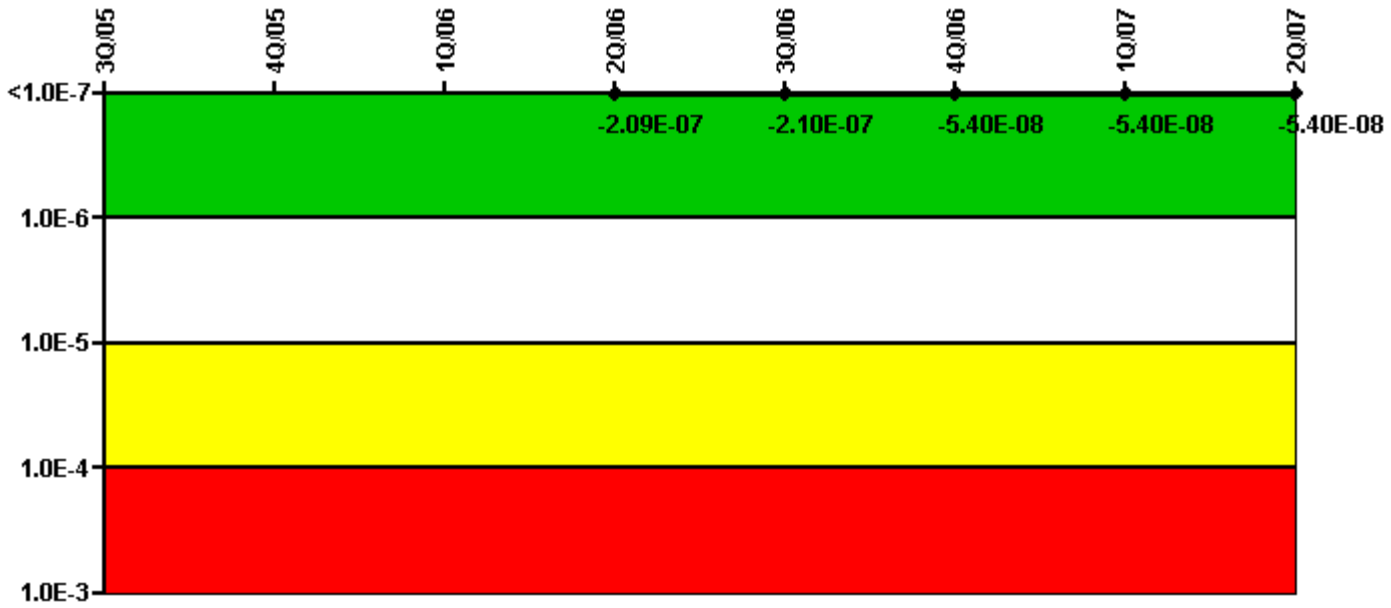
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-1.80E-07	-1.60E-07	-4.00E-08	-3.90E-08	-5.30E-08
URI (Δ CDF)				-3.20E-07	-3.30E-07	-1.30E-07	-1.30E-07	-1.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-5.00E-07	-4.90E-07	-1.70E-07	-1.69E-07	-1.73E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



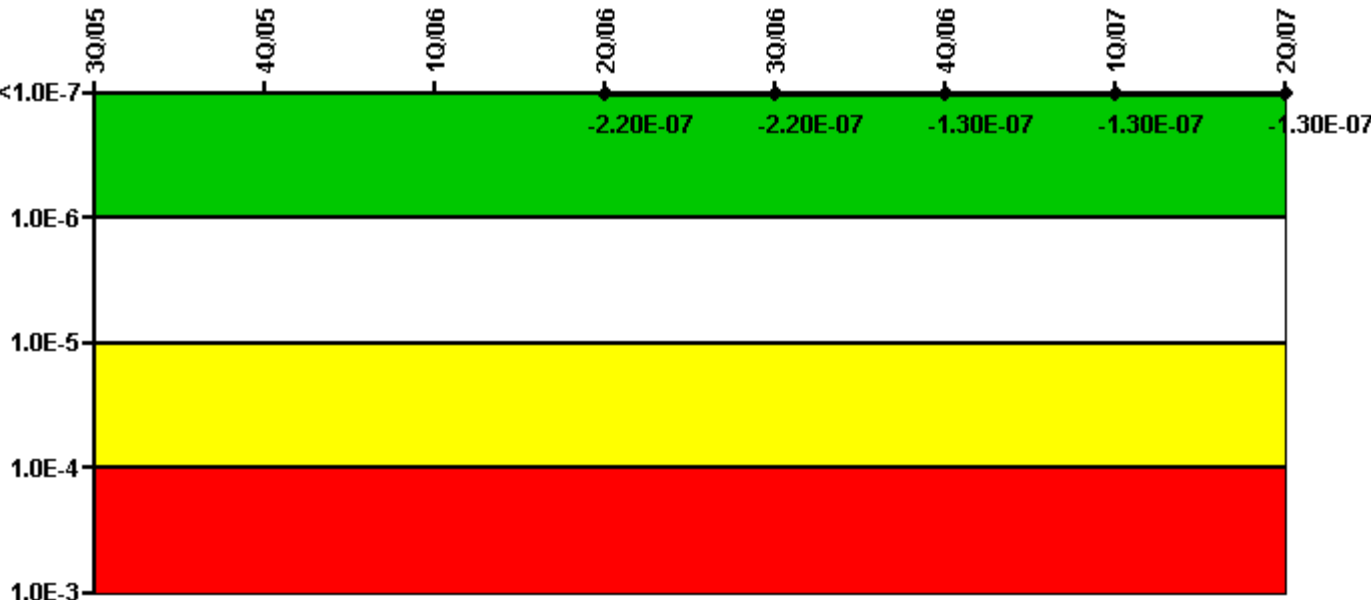
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				$-4.90E-08$	$-5.00E-08$	$-1.40E-08$	$-1.40E-08$	$-1.40E-08$
URI (Δ CDF)				$-1.60E-07$	$-1.60E-07$	$-4.00E-08$	$-4.00E-08$	$-4.00E-08$
PLE				NO	NO	NO	NO	NO
Indicator value				$-2.09E-07$	$-2.10E-07$	$-5.40E-08$	$-5.40E-08$	$-5.40E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



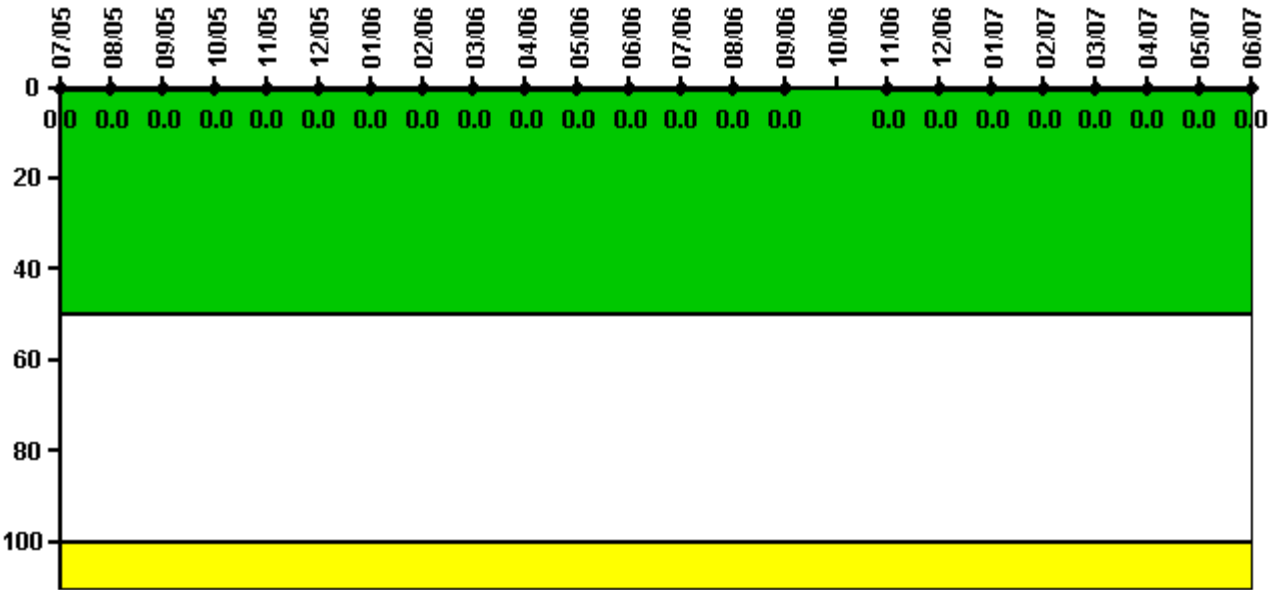
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-1.10E-11	-1.10E-11	-3.20E-14	-3.20E-14	-3.20E-14
URI (ΔCDF)				-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

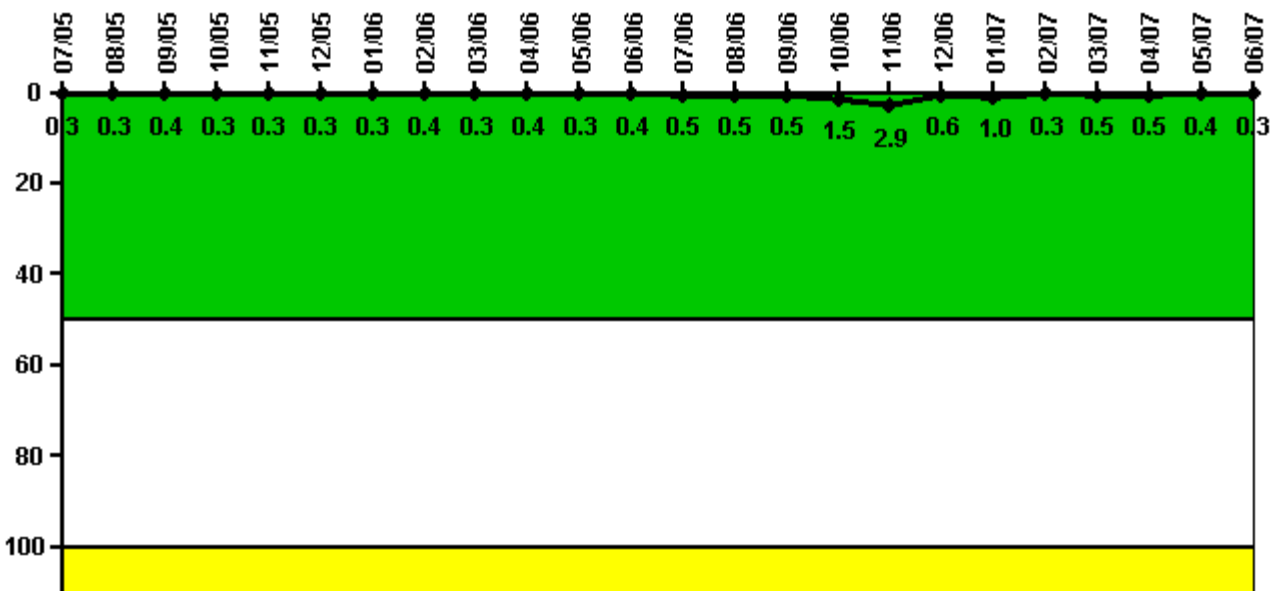
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000085	0.000086	0.000082	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000112	0.000104	0.000125	N/A	0.000042	0.000059	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

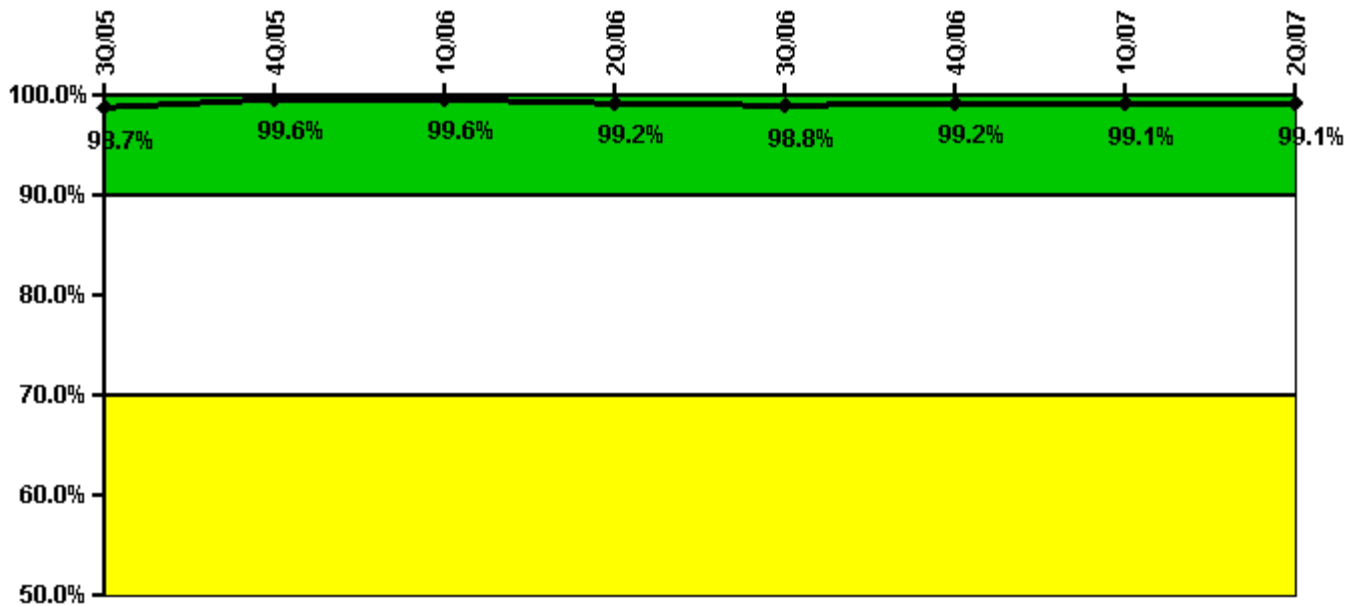
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.031	0.030	0.040	0.032	0.031	0.033	0.030	0.040	0.034	0.040	0.031	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.046	0.050	0.050	0.152	0.290	0.060	0.103	0.030	0.045	0.047	0.035	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.5	1.5	2.9	0.6	1.0	0.3	0.5	0.5	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



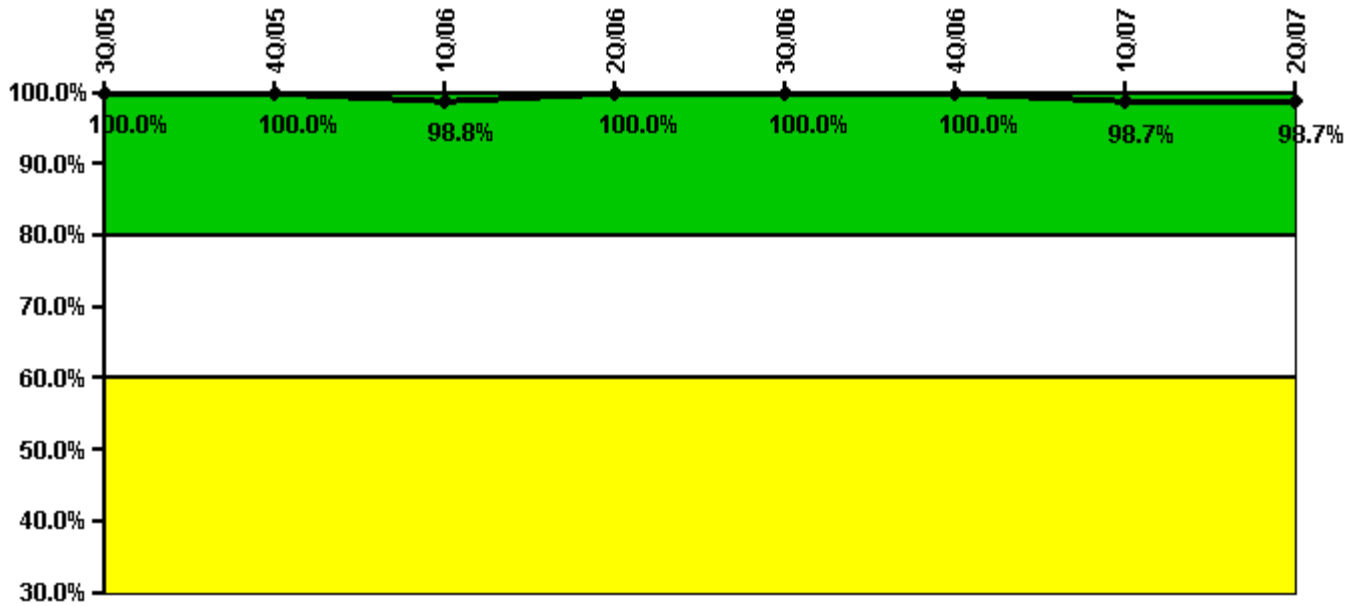
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	41.0	37.0	28.0	27.0	24.0	32.0	18.0	17.0
Total opportunities	41.0	37.0	28.0	28.0	25.0	32.0	18.0	17.0
Indicator value	98.7%	99.6%	99.6%	99.2%	98.8%	99.2%	99.1%	99.1%

Licensee Comments: none

ERO Drill Participation



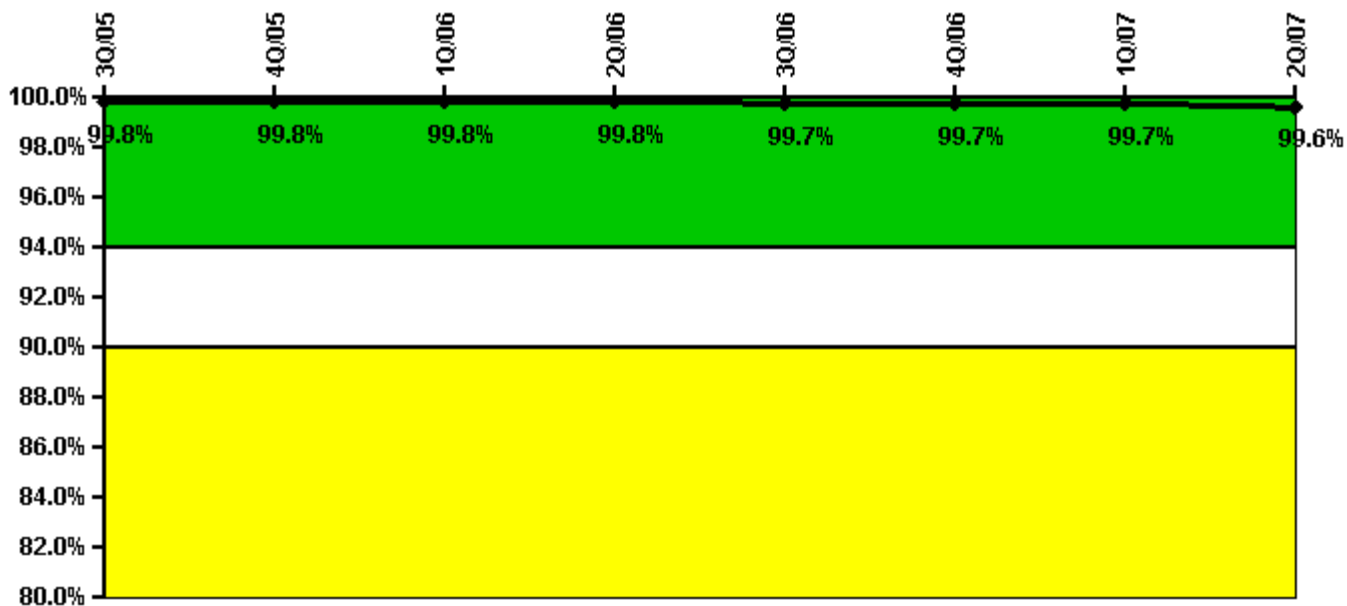
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	80.0	79.0	79.0	81.0	84.0	81.0	77.0	75.0
Total Key personnel	80.0	79.0	80.0	81.0	84.0	81.0	78.0	76.0
Indicator value	100.0%	100.0%	98.8%	100.0%	100.0%	100.0%	98.7%	98.7%

Licensee Comments: none

Alert & Notification System



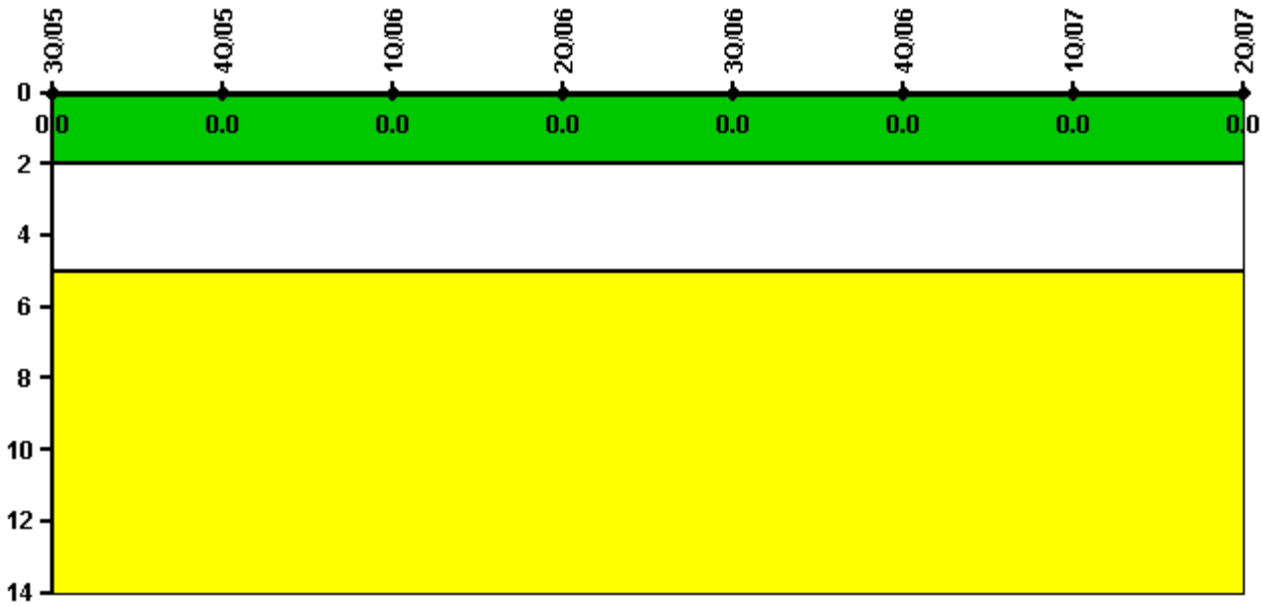
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	721	846	726	847	838	725	847	724
Total sirens-tests	726	847	726	847	847	726	847	726
Indicator value	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



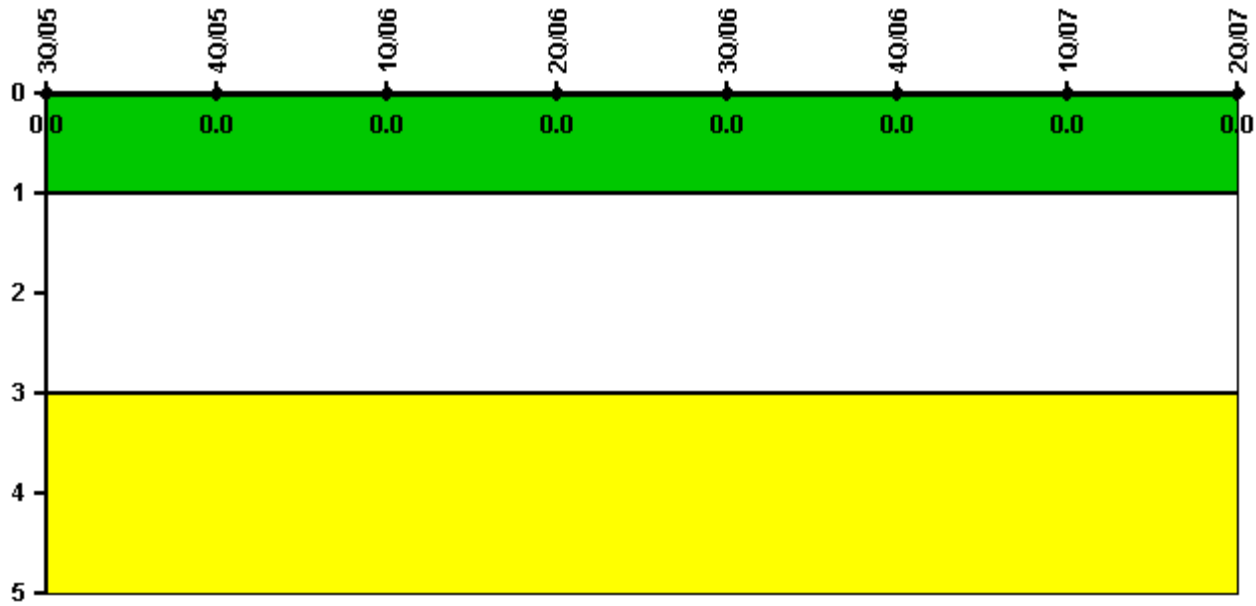
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

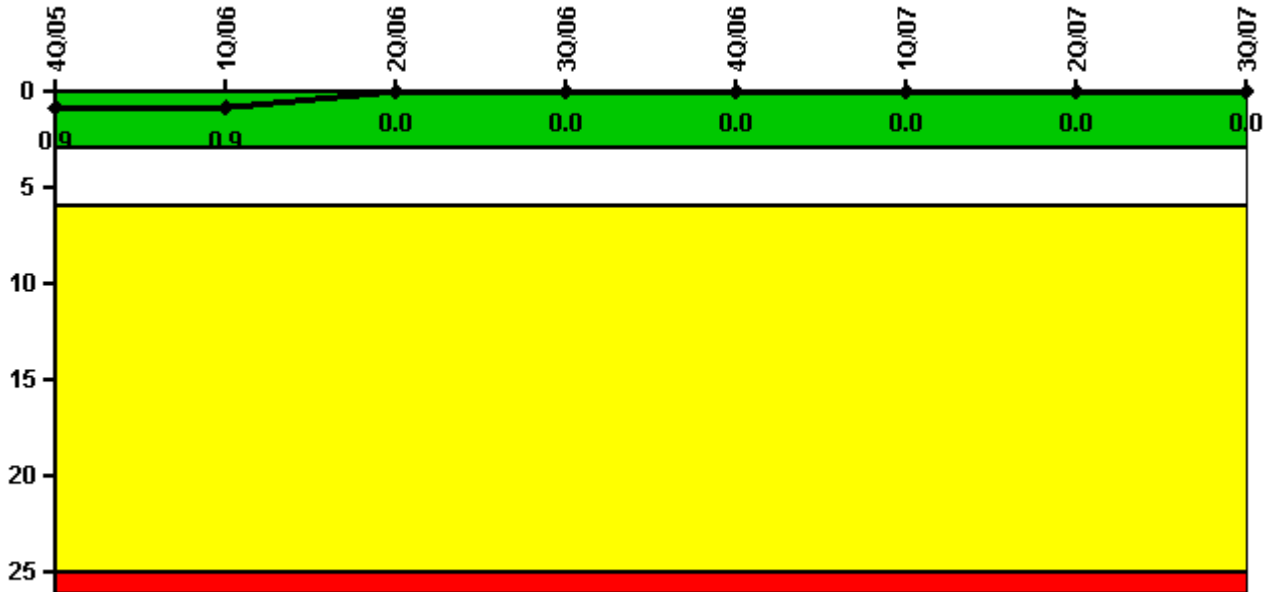
Last Modified: August 6, 2007

Seabrook 1

3Q/2007 Performance Indicators

Licensee's General Comments: Change file is being submitted for new Scrams with Complications indicator.

Unplanned Scrams per 7000 Critical Hrs



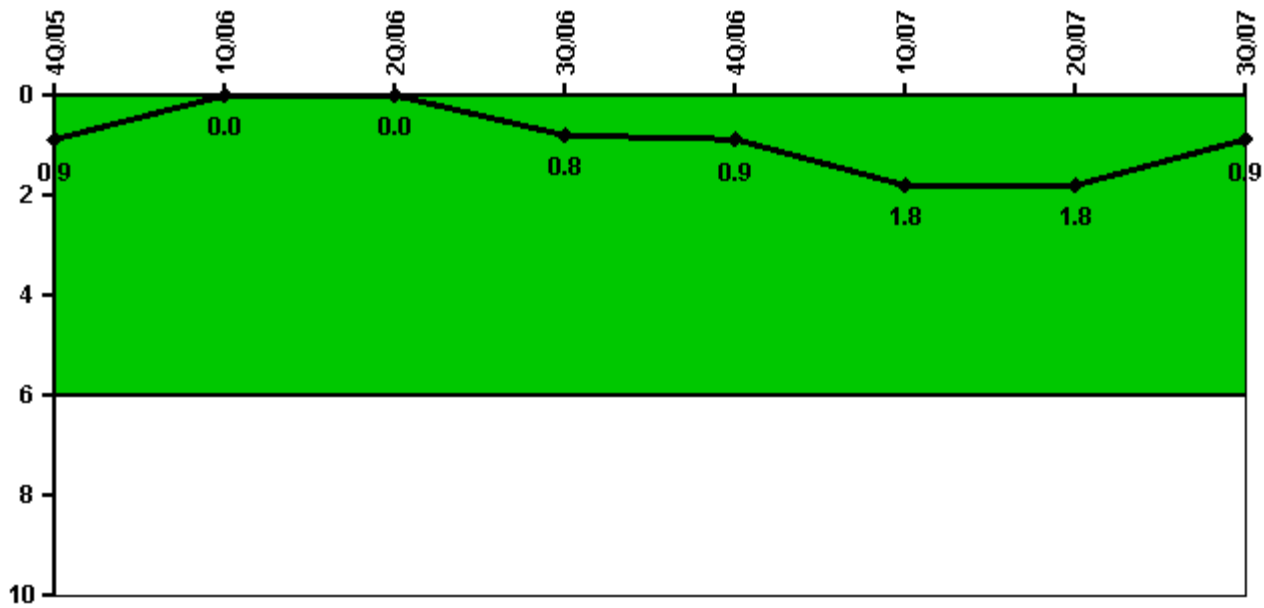
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



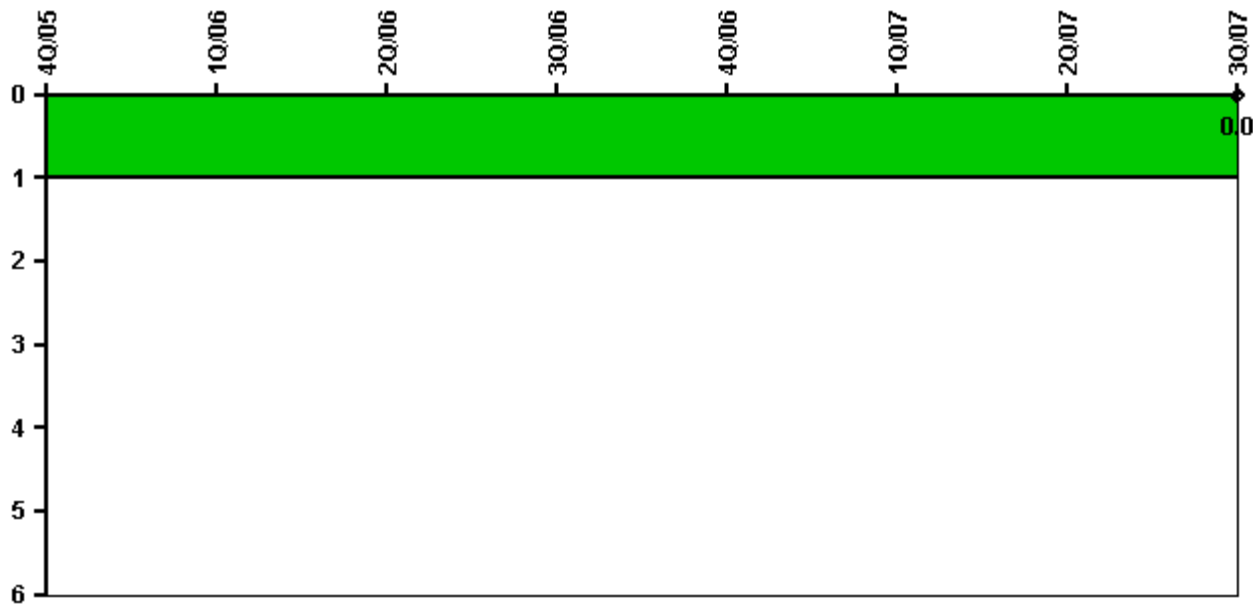
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2209.0	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0
Indicator value	0.9	0	0	0.8	0.9	1.8	1.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



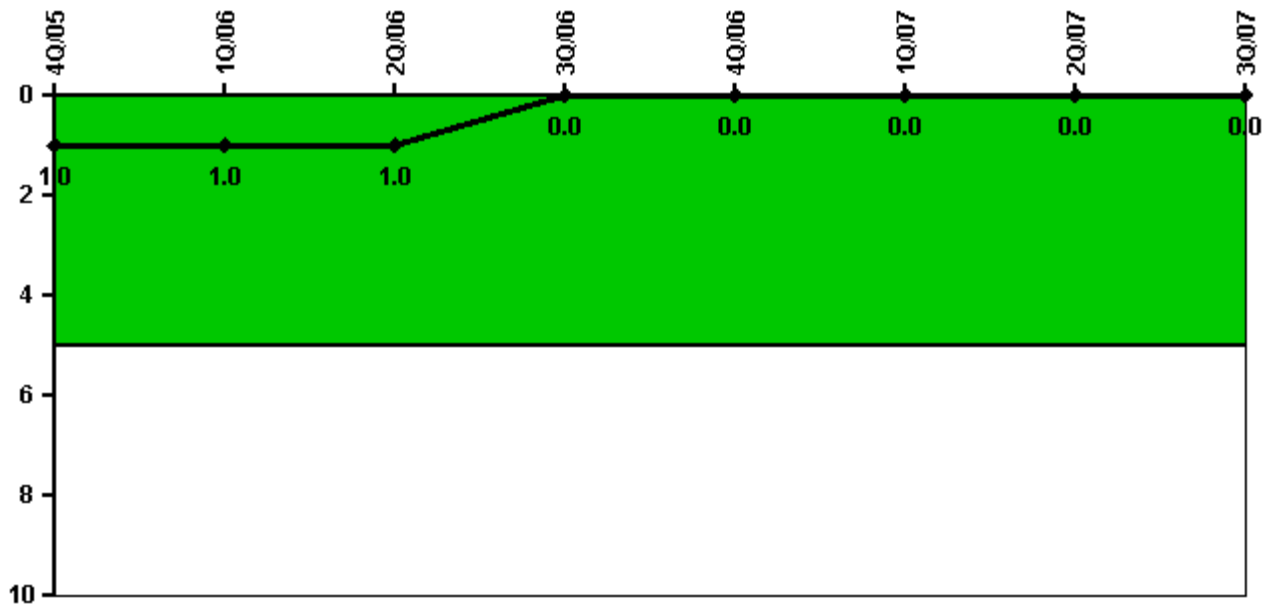
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



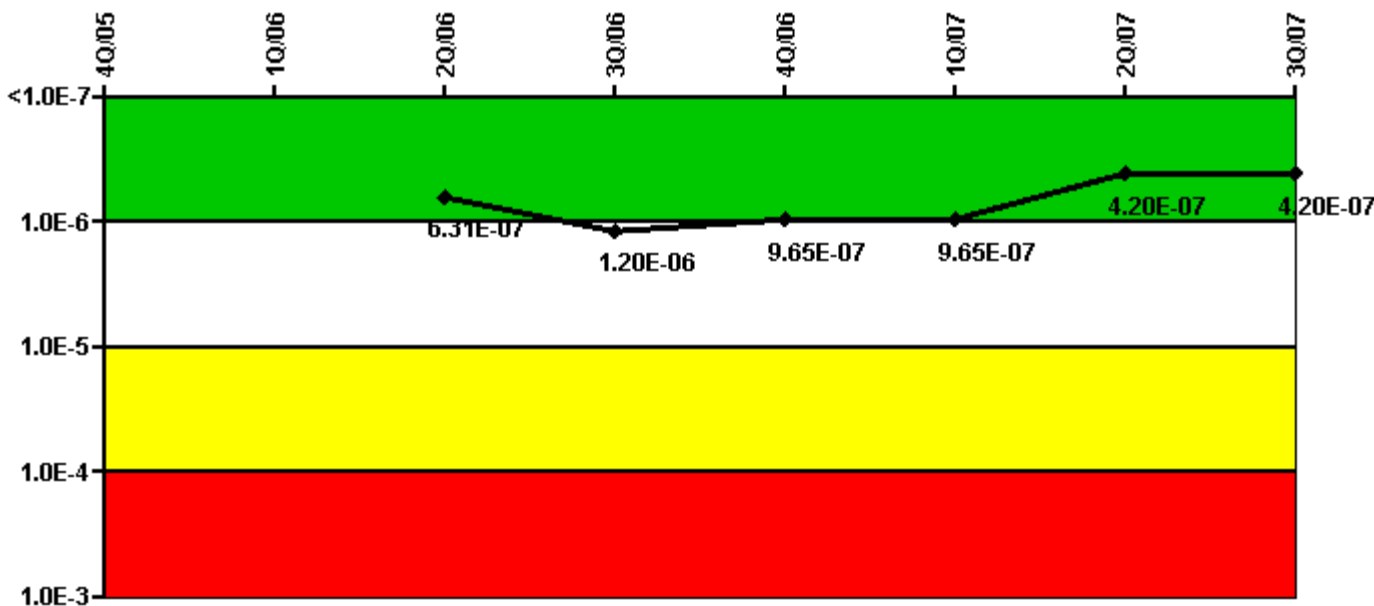
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



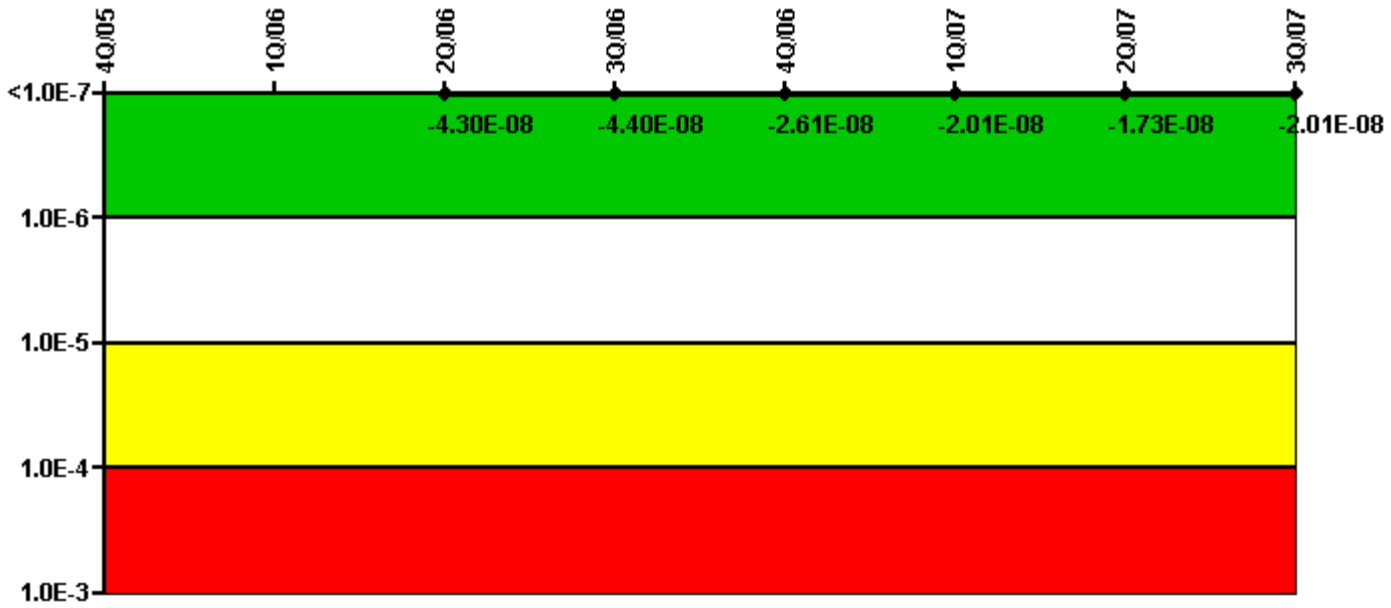
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-9.90E-08	-1.00E-07	-3.50E-08	-3.50E-08	-5.00E-08	-5.00E-08
URI (ΔCDF)			7.30E-07	1.30E-06	1.00E-06	1.00E-06	4.70E-07	4.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			6.31E-07	1.20E-06	9.65E-07	9.65E-07	4.20E-07	4.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



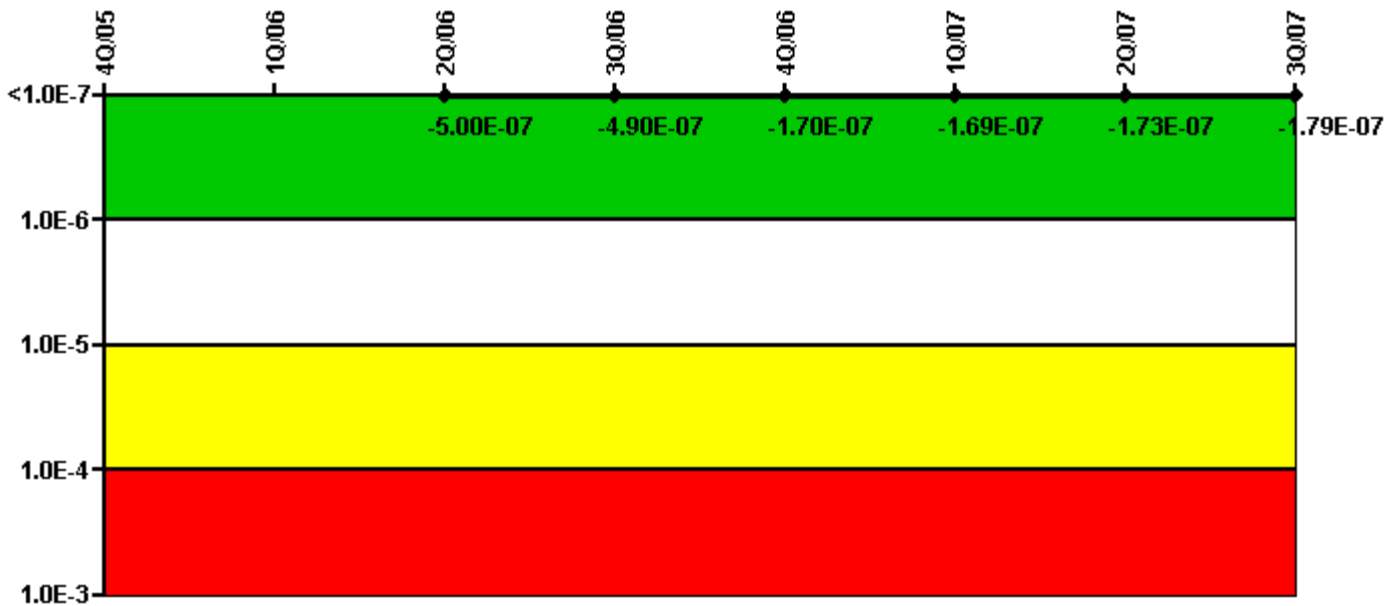
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-1.70E-08	-1.80E-08	-1.80E-08	-1.20E-08	-9.10E-09	-1.20E-08
URI (Δ CDF)			-2.60E-08	-2.60E-08	-8.10E-09	-8.10E-09	-8.20E-09	-8.10E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-4.30E-08	-4.40E-08	-2.61E-08	-2.01E-08	-1.73E-08	-2.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



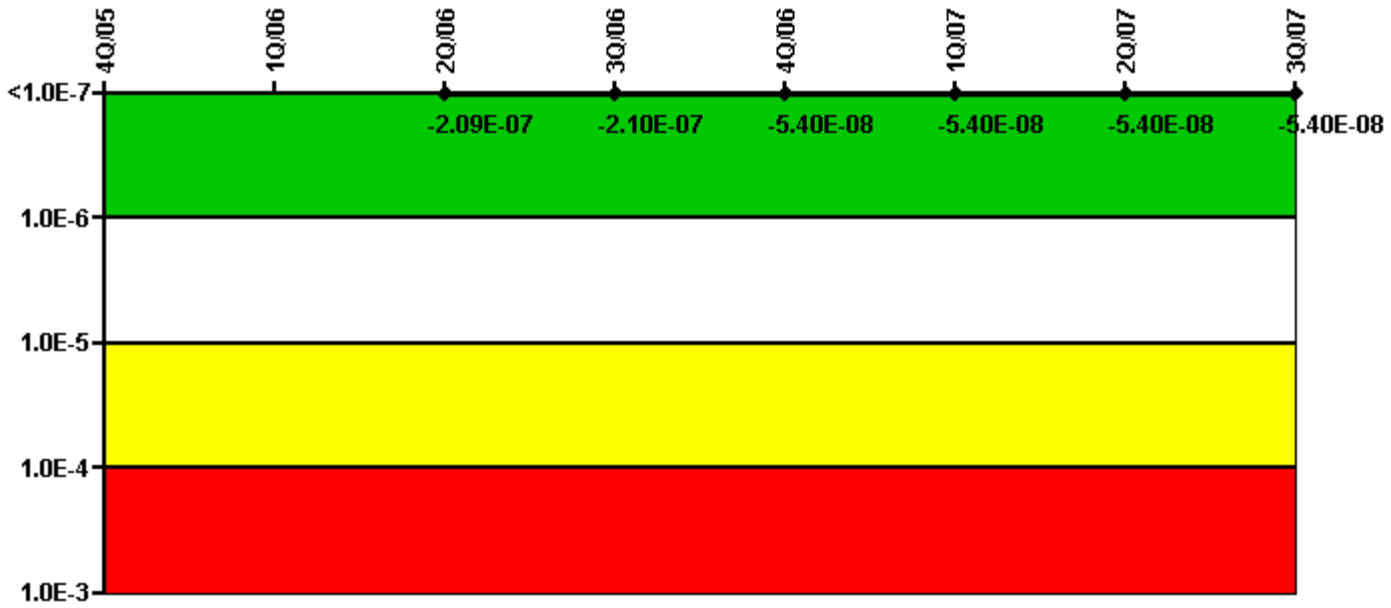
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-1.80E-07	-1.60E-07	-4.00E-08	-3.90E-08	-5.30E-08	-5.90E-08
URI (Δ CDF)			-3.20E-07	-3.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.00E-07	-4.90E-07	-1.70E-07	-1.69E-07	-1.73E-07	-1.79E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



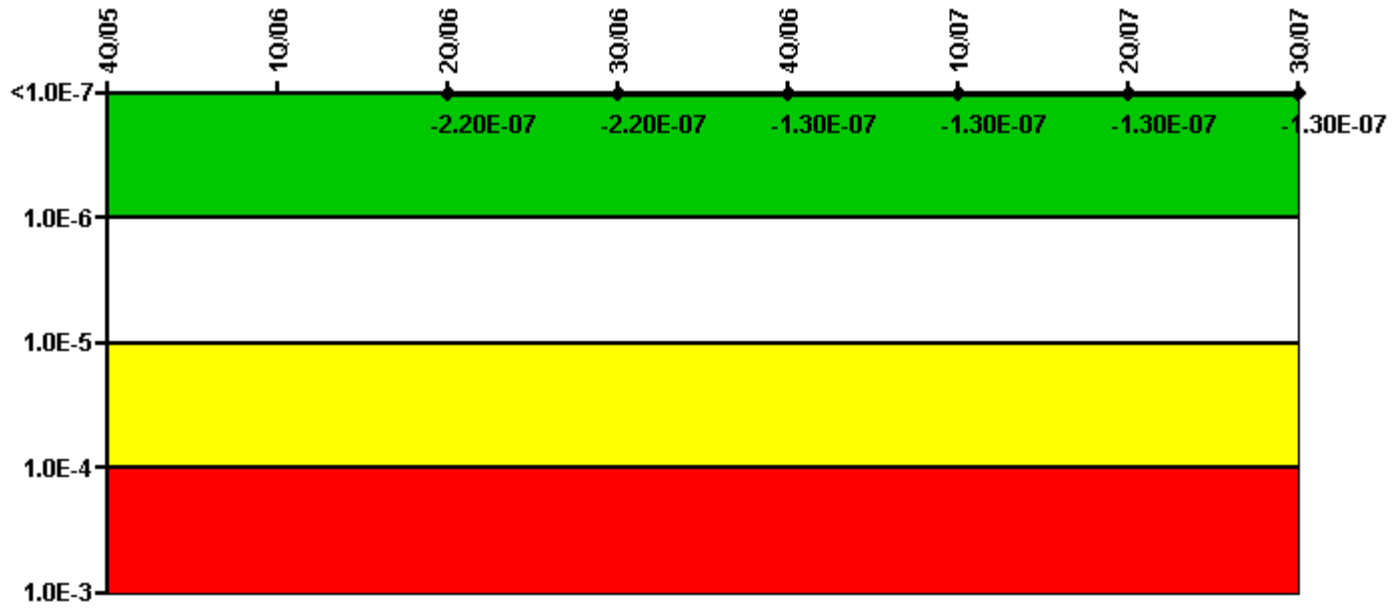
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-4.90E-08	-5.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
URI (Δ CDF)			-1.60E-07	-1.60E-07	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-2.09E-07	-2.10E-07	-5.40E-08	-5.40E-08	-5.40E-08	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



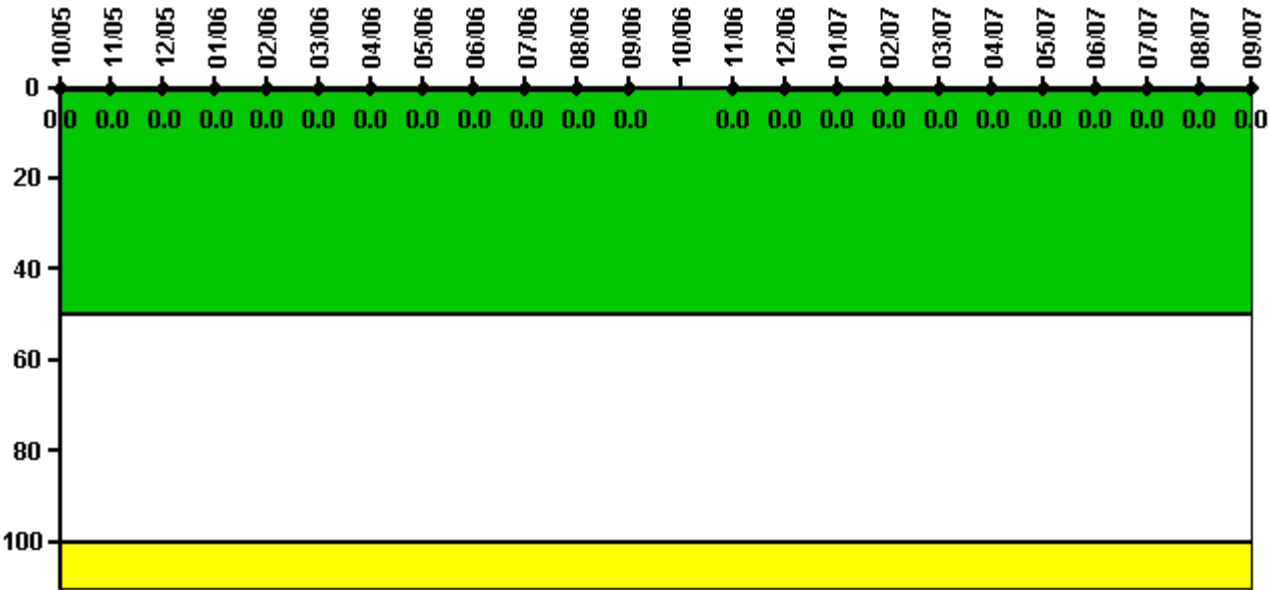
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-1.10E-11	-1.10E-11	-3.20E-14	-3.20E-14	-3.20E-14	-3.20E-14
URI (Δ CDF)			-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Reactor Coolant System Activity



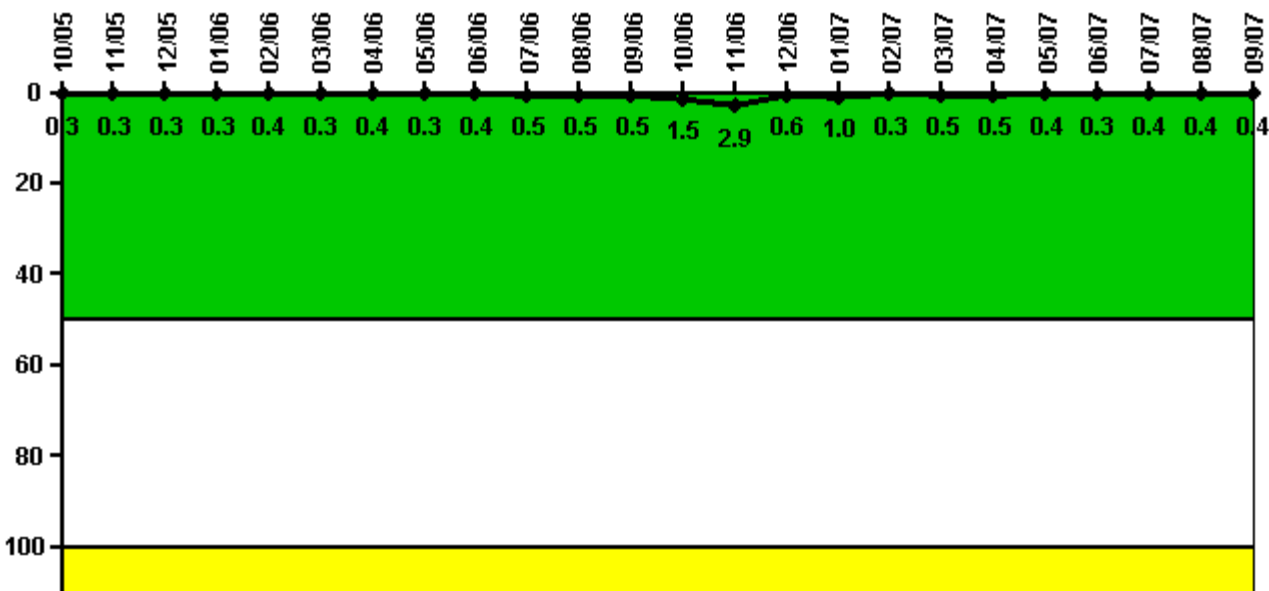
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	N/A	0.000042	0.000059	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



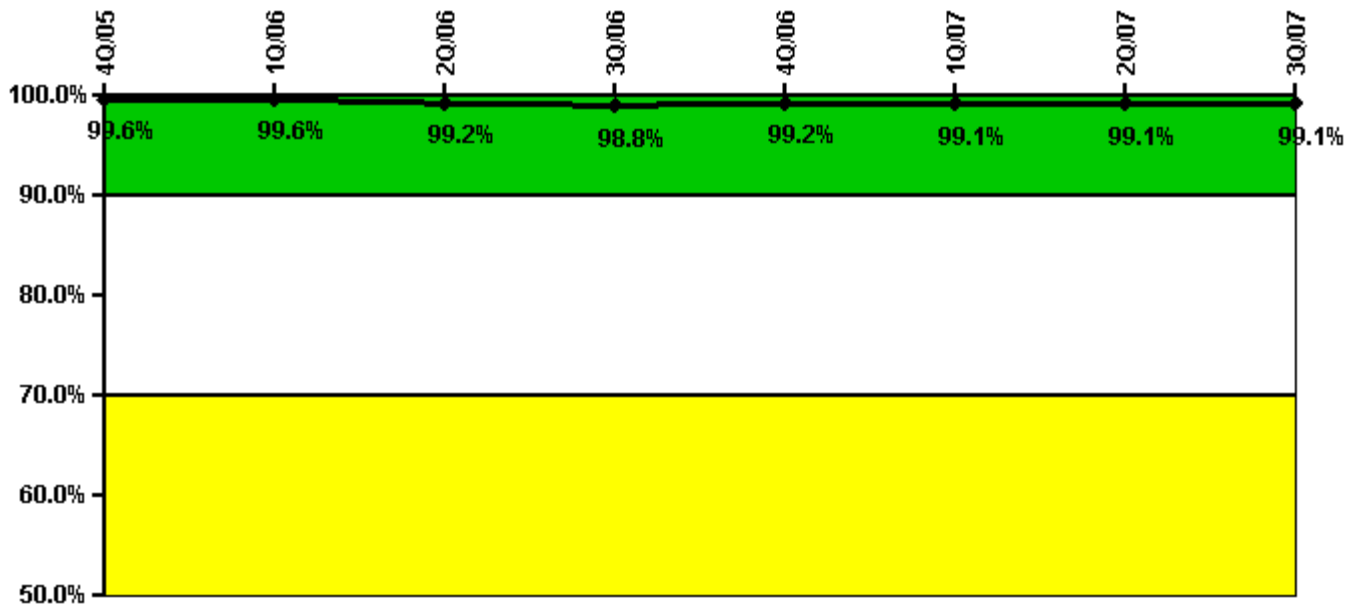
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.032	0.031	0.033	0.030	0.040	0.034	0.040	0.031	0.040	0.046	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.152	0.290	0.060	0.103	0.030	0.045	0.047	0.035	0.034	0.036	0.040	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	2.9	0.6	1.0	0.3	0.5	0.5	0.4	0.3	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



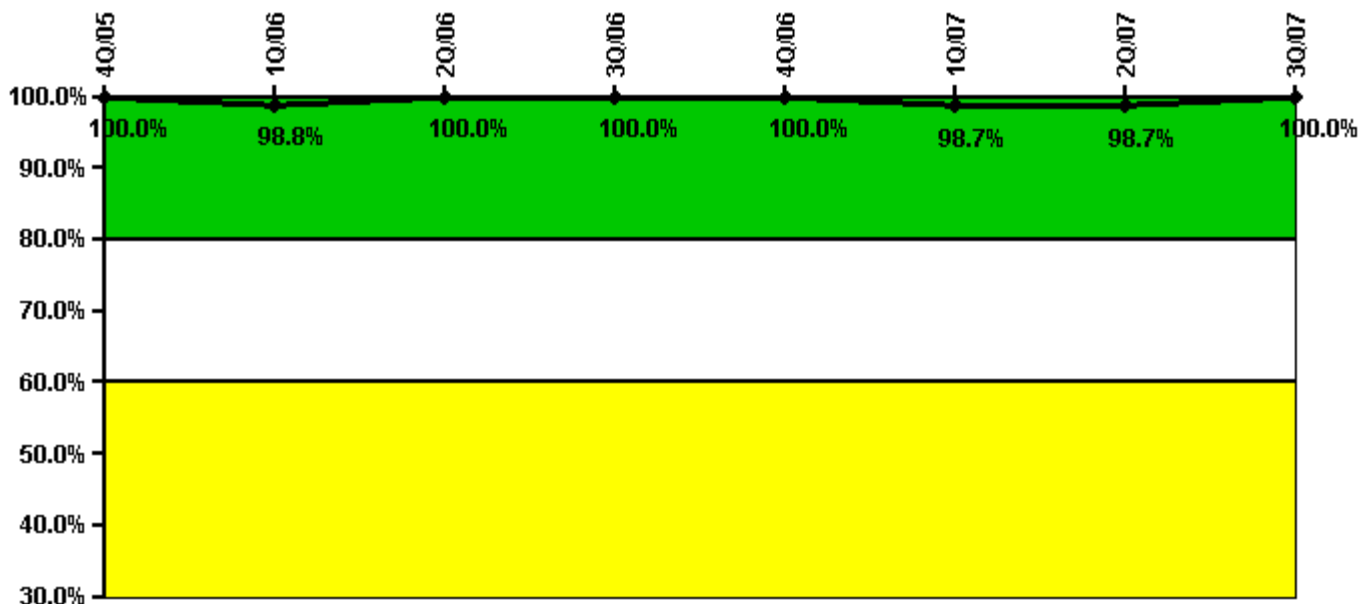
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	37.0	28.0	27.0	24.0	32.0	18.0	17.0	29.0
Total opportunities	37.0	28.0	28.0	25.0	32.0	18.0	17.0	29.0
Indicator value	99.6%	99.6%	99.2%	98.8%	99.2%	99.1%	99.1%	99.1%

Licensee Comments: none

ERO Drill Participation



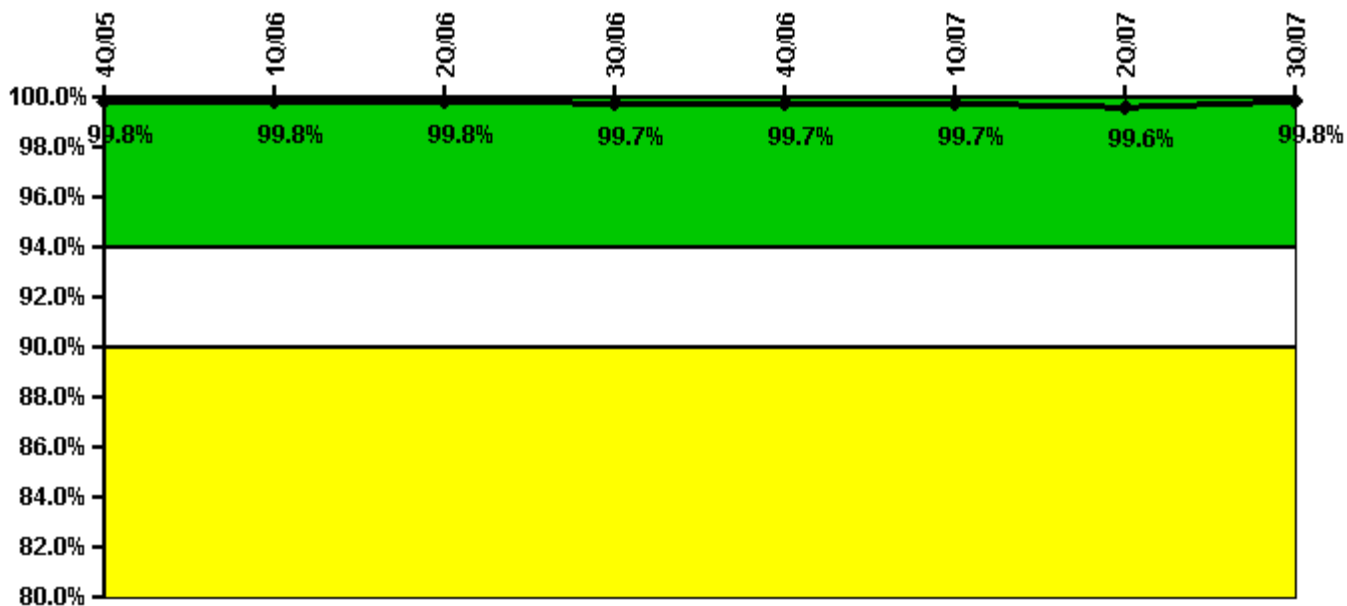
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	79.0	79.0	81.0	84.0	81.0	77.0	75.0	89.0
Total Key personnel	79.0	80.0	81.0	84.0	81.0	78.0	76.0	89.0
Indicator value	100.0%	98.8%	100.0%	100.0%	100.0%	98.7%	98.7%	100.0%

Licensee Comments: none

Alert & Notification System



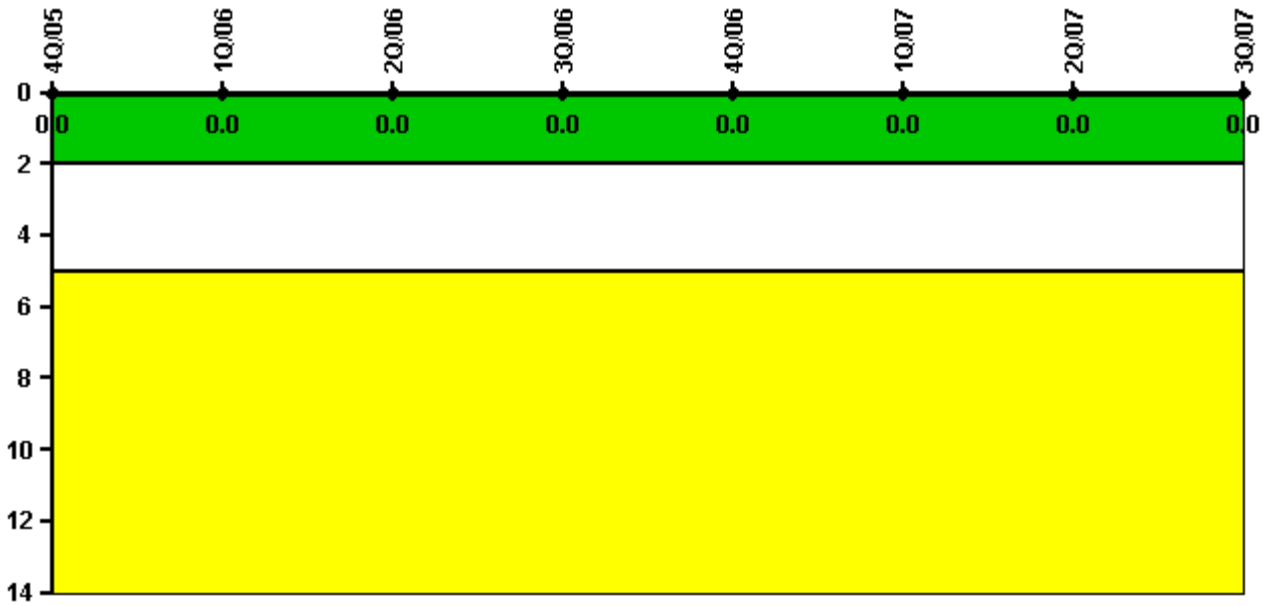
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	846	726	847	838	725	847	724	845
Total sirens-tests	847	726	847	847	726	847	726	847
Indicator value	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



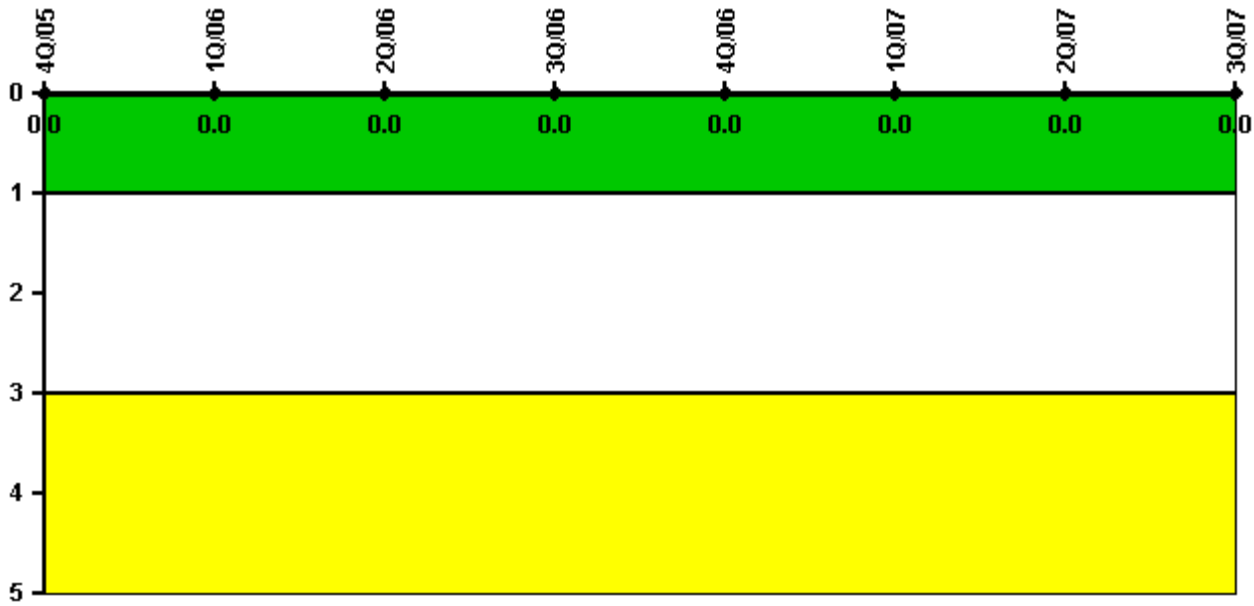
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

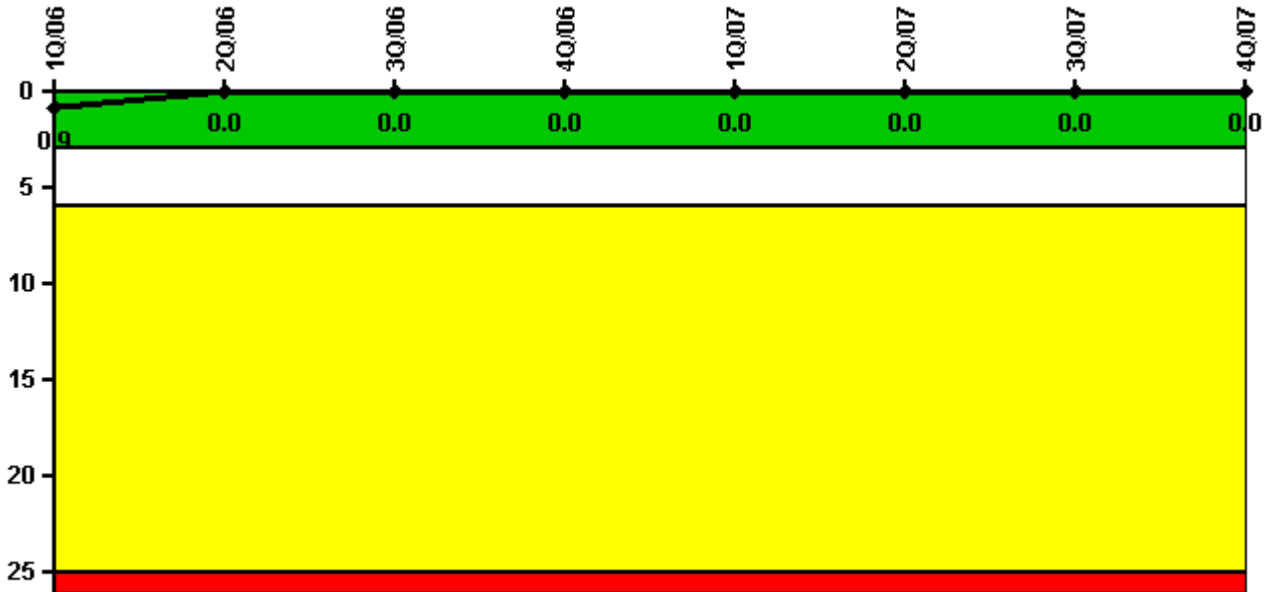
[Physical Protection](#) information not publicly available.

Seabrook 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



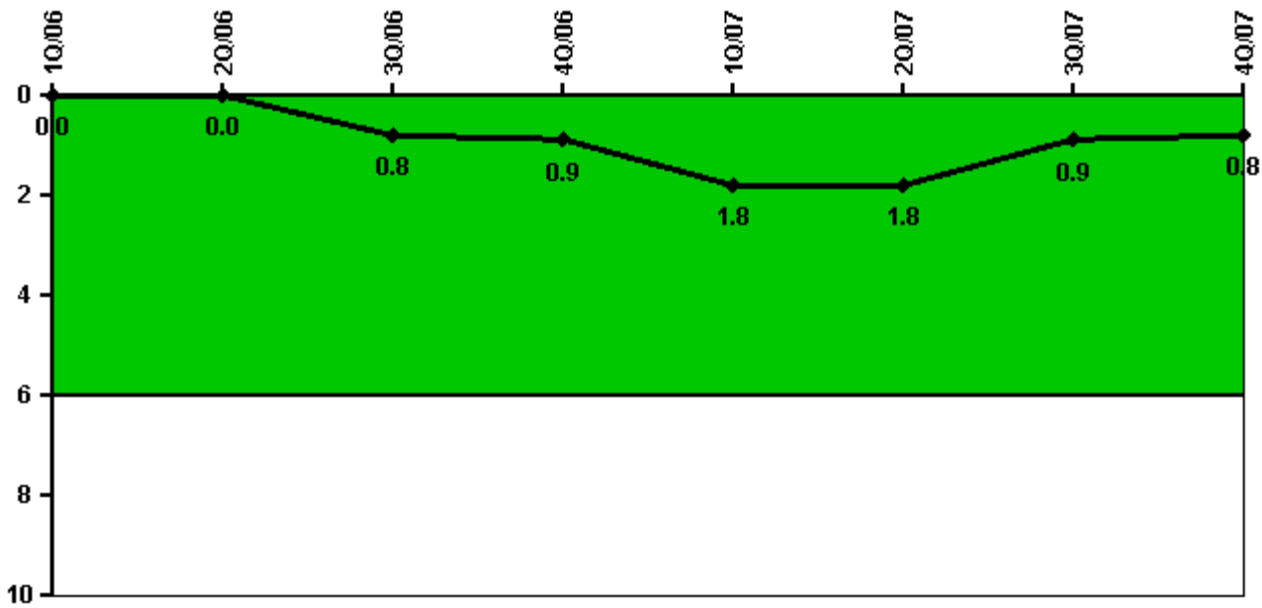
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



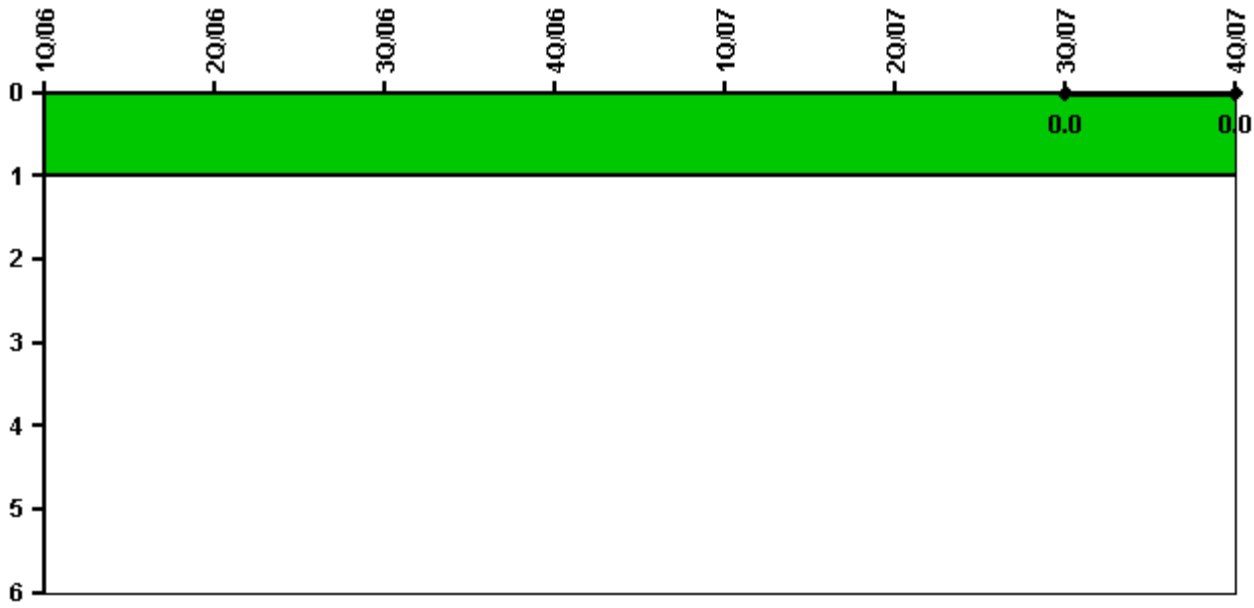
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2160.0	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0.8	0.9	1.8	1.8	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



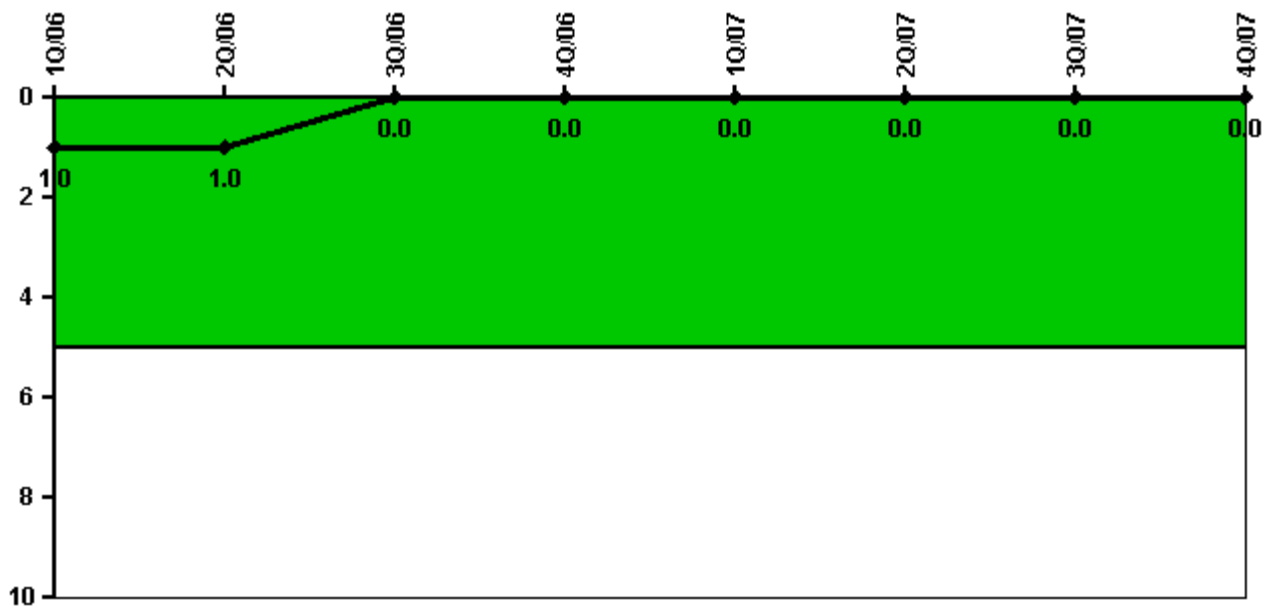
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Scrams with complications				0	0	0	0	0
Indicator value							0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



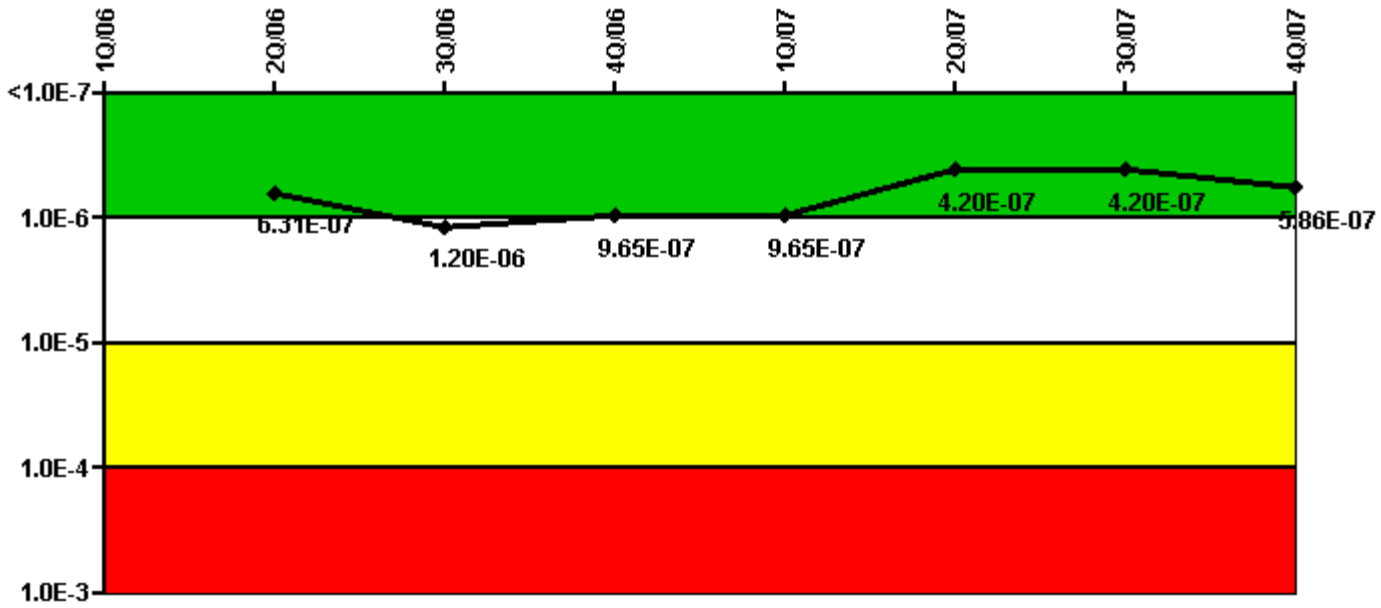
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

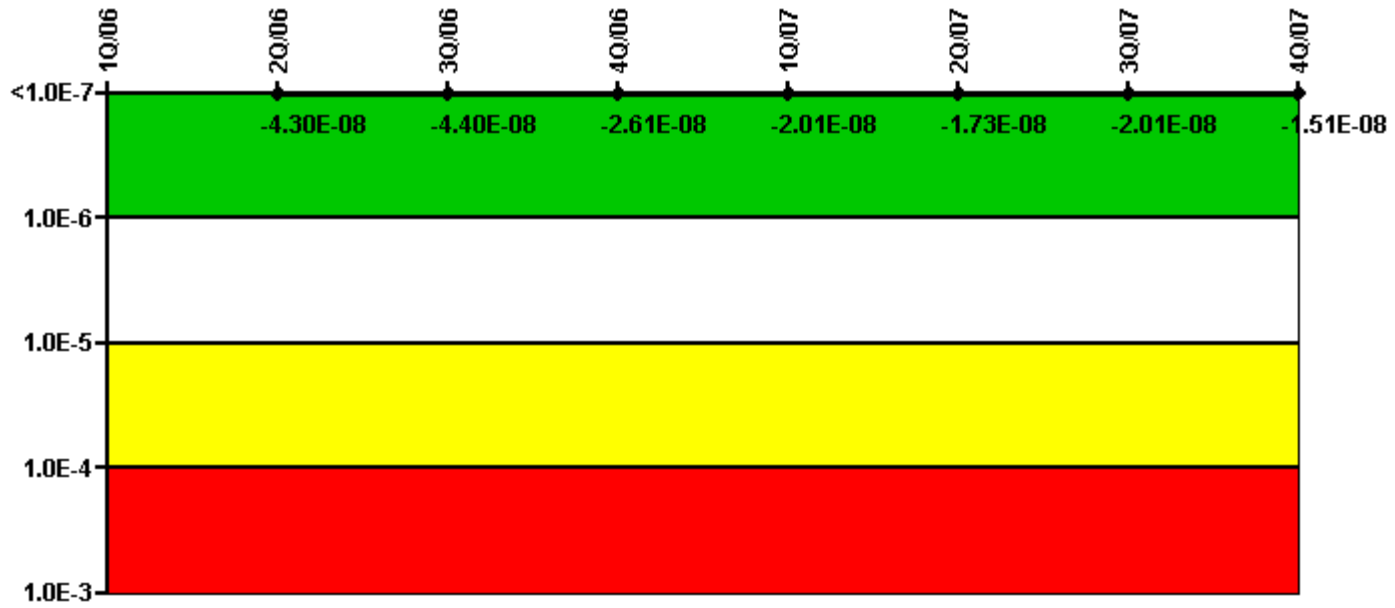
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-9.90E-08	-1.00E-07	-3.50E-08	-3.50E-08	-5.00E-08	-5.00E-08	-7.40E-08
URI (Δ CDF)		7.30E-07	1.30E-06	1.00E-06	1.00E-06	4.70E-07	4.70E-07	6.60E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		6.31E-07	1.20E-06	9.65E-07	9.65E-07	4.20E-07	4.20E-07	5.86E-07

Licensee Comments:

4Q/07: Changed PRA Parameter(s). PRA Model updated effective 4th quarter.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

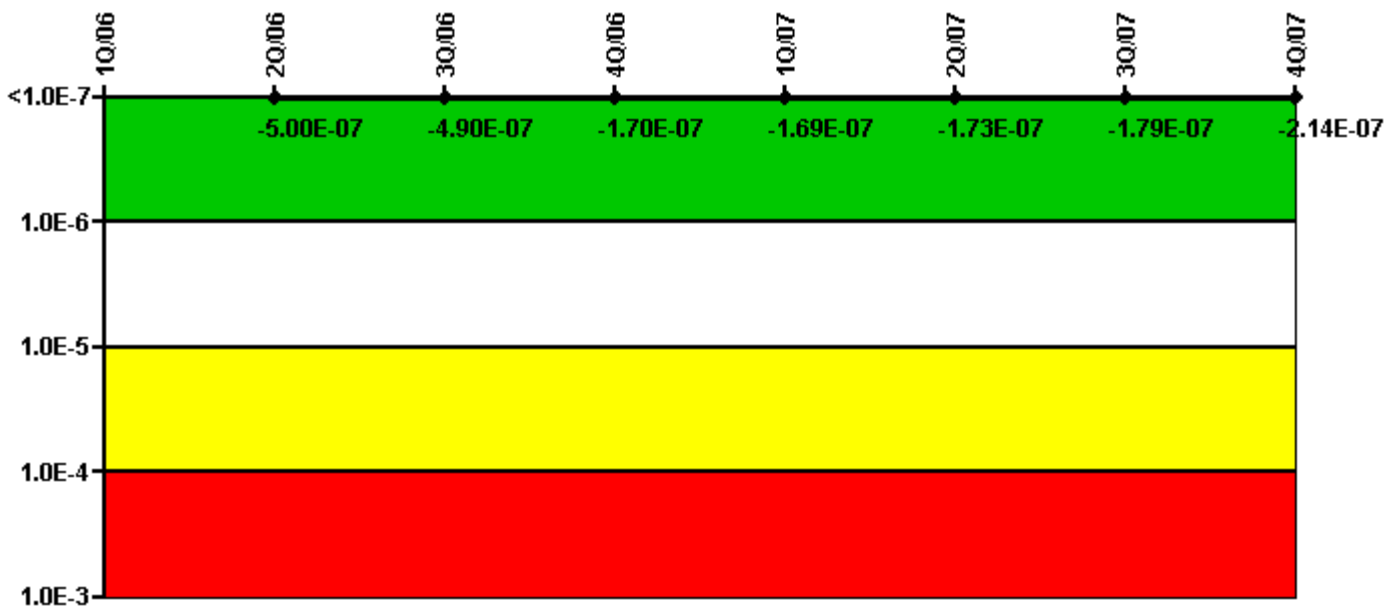
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$-1.70E-08$	$-1.80E-08$	$-1.80E-08$	$-1.20E-08$	$-9.10E-09$	$-1.20E-08$	$-6.20E-09$
URI (Δ CDF)		$-2.60E-08$	$-2.60E-08$	$-8.10E-09$	$-8.10E-09$	$-8.20E-09$	$-8.10E-09$	$-8.90E-09$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-4.30E-08$	$-4.40E-08$	$-2.61E-08$	$-2.01E-08$	$-1.73E-08$	$-2.01E-08$	$-1.51E-08$

Licensee Comments:

4Q/07: Changed PRA Parameter(s). PRA Model updated effective 4th quarter.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

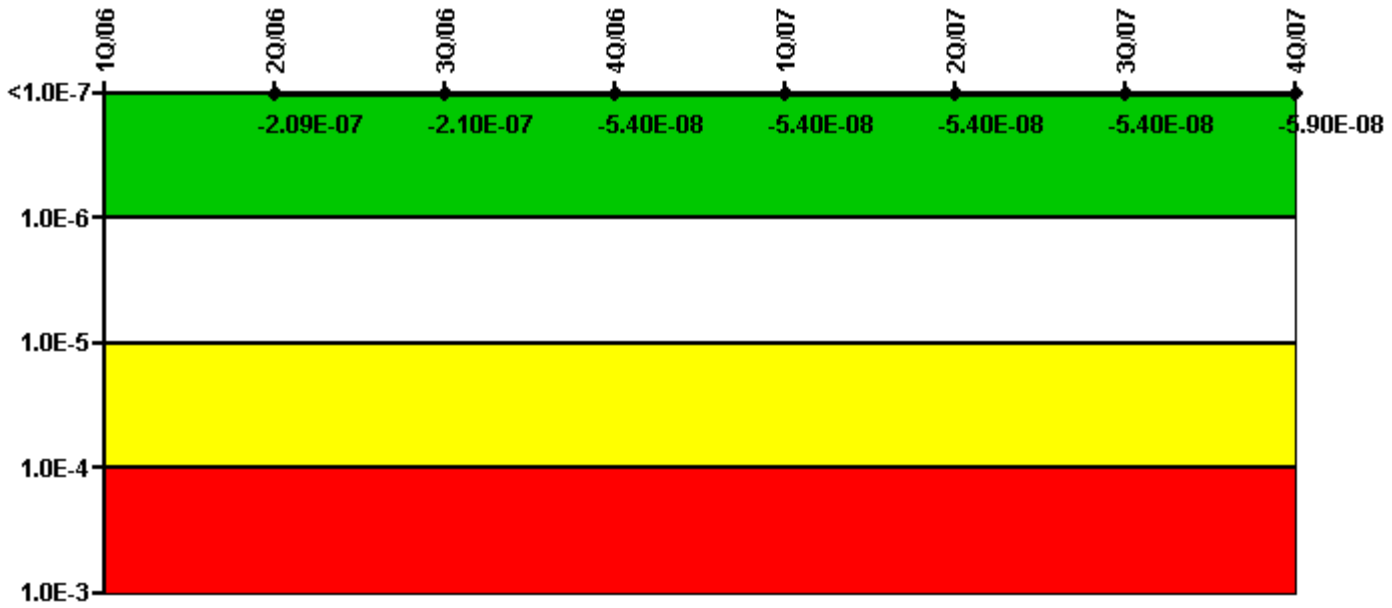
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-1.80E-07	-1.60E-07	-4.00E-08	-3.90E-08	-5.30E-08	-5.90E-08	-8.40E-08
URI (Δ CDF)		-3.20E-07	-3.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07	-1.30E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-5.00E-07	-4.90E-07	-1.70E-07	-1.69E-07	-1.73E-07	-1.79E-07	-2.14E-07

Licensee Comments:

4Q/07: Changed PRA Parameter(s). PRA Model updated effective 4th quarter.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

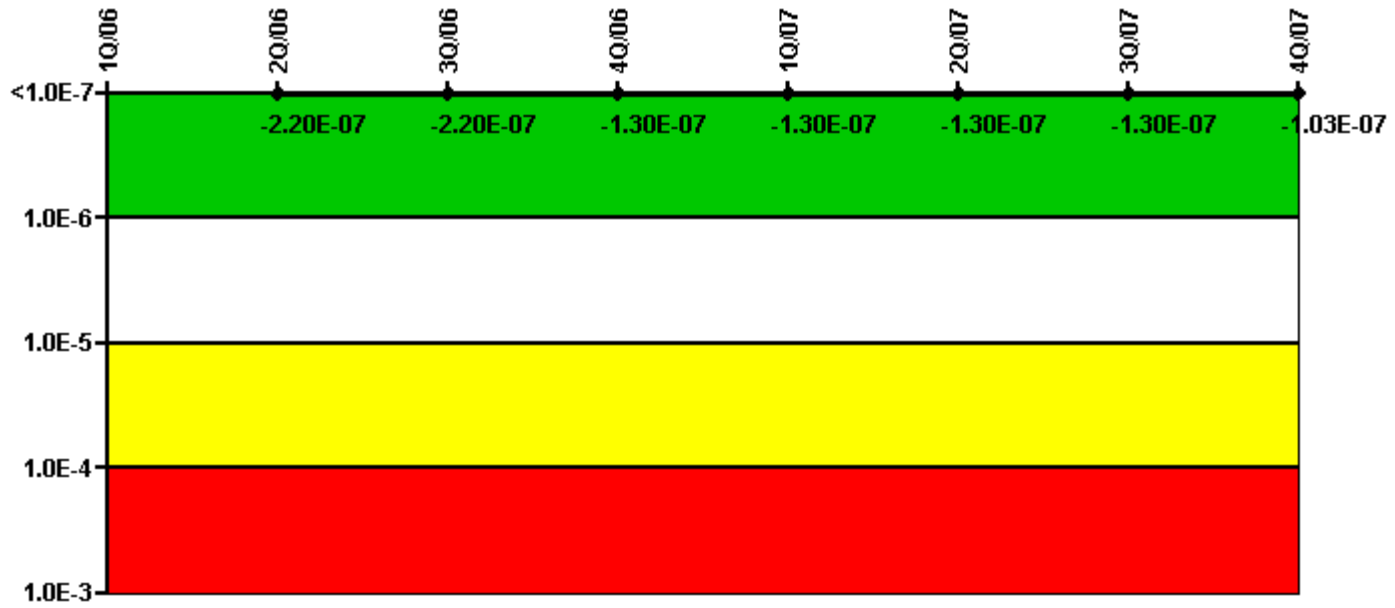
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-4.90E-08	-5.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08
URI (Δ CDF)		-1.60E-07	-1.60E-07	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.40E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-2.09E-07	-2.10E-07	-5.40E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.90E-08

Licensee Comments:

4Q/07: Changed PRA Parameter(s). PRA Model updated effective 4th quarter.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

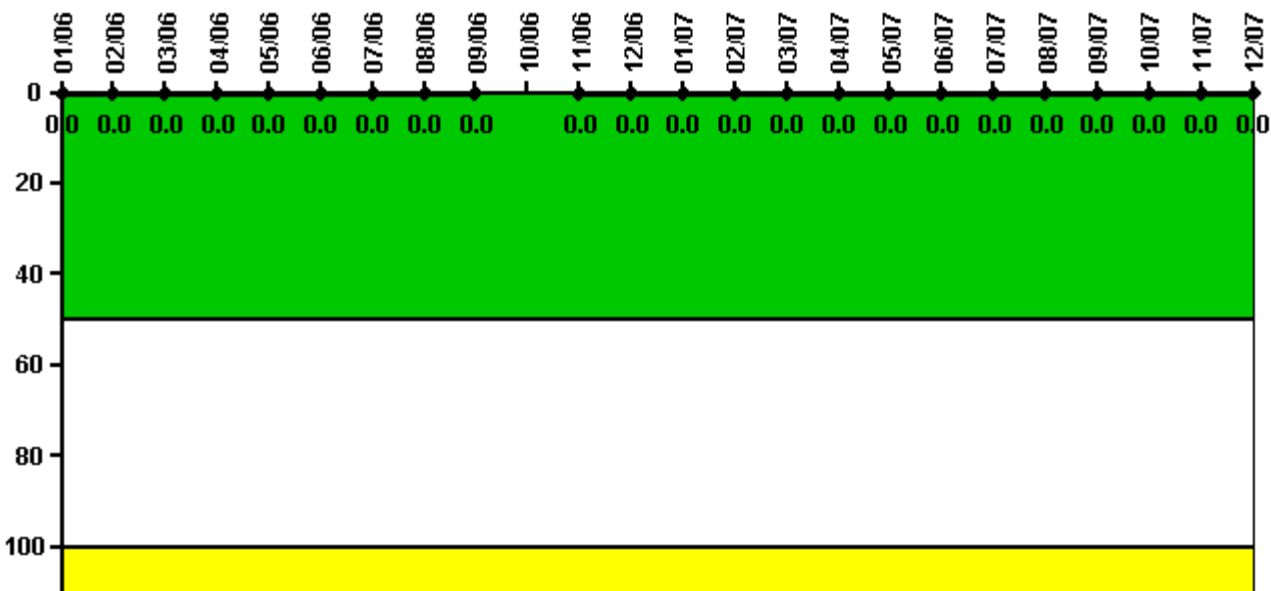
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$-1.10E-11$	$-1.10E-11$	$-3.20E-14$	$-3.20E-14$	$-3.20E-14$	$-3.20E-14$	$7.10E-09$
URI (Δ CDF)		$-2.20E-07$	$-2.20E-07$	$-1.30E-07$	$-1.30E-07$	$-1.30E-07$	$-1.30E-07$	$-1.10E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-2.20E-07$	$-2.20E-07$	$-1.30E-07$	$-1.30E-07$	$-1.30E-07$	$-1.30E-07$	$-1.03E-07$

Licensee Comments:

4Q/07: Changed PRA Parameter(s). PRA model updated effective 4th quarter.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

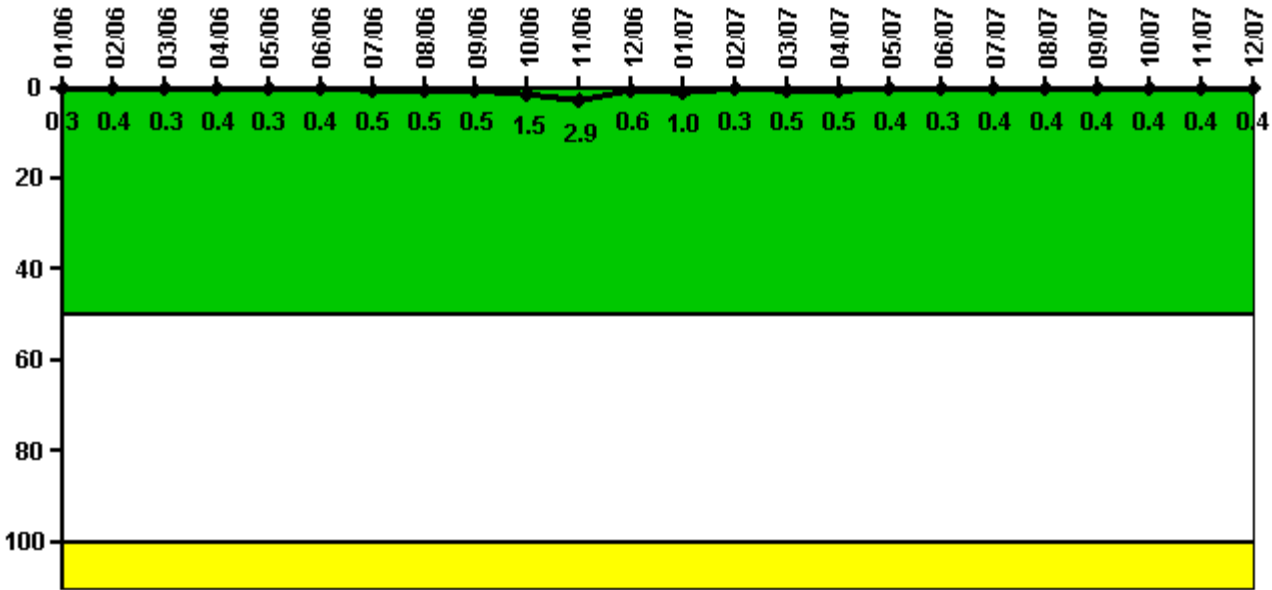
Notes

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125	N/A	0.000042	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



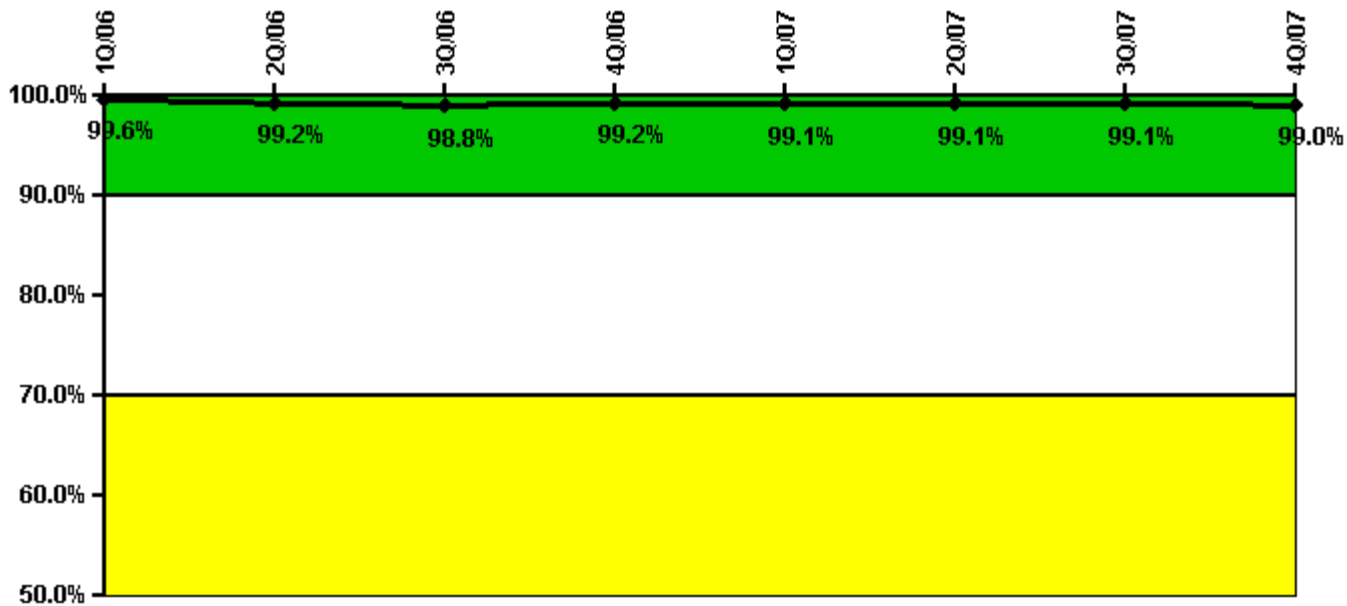
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.030	0.040	0.034	0.040	0.031	0.040	0.046	0.050	0.050	0.152	0.290	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5	1.5	2.9	0.6
Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.103	0.030	0.045	0.047	0.035	0.034	0.036	0.040	0.035	0.036	0.039	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.3	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



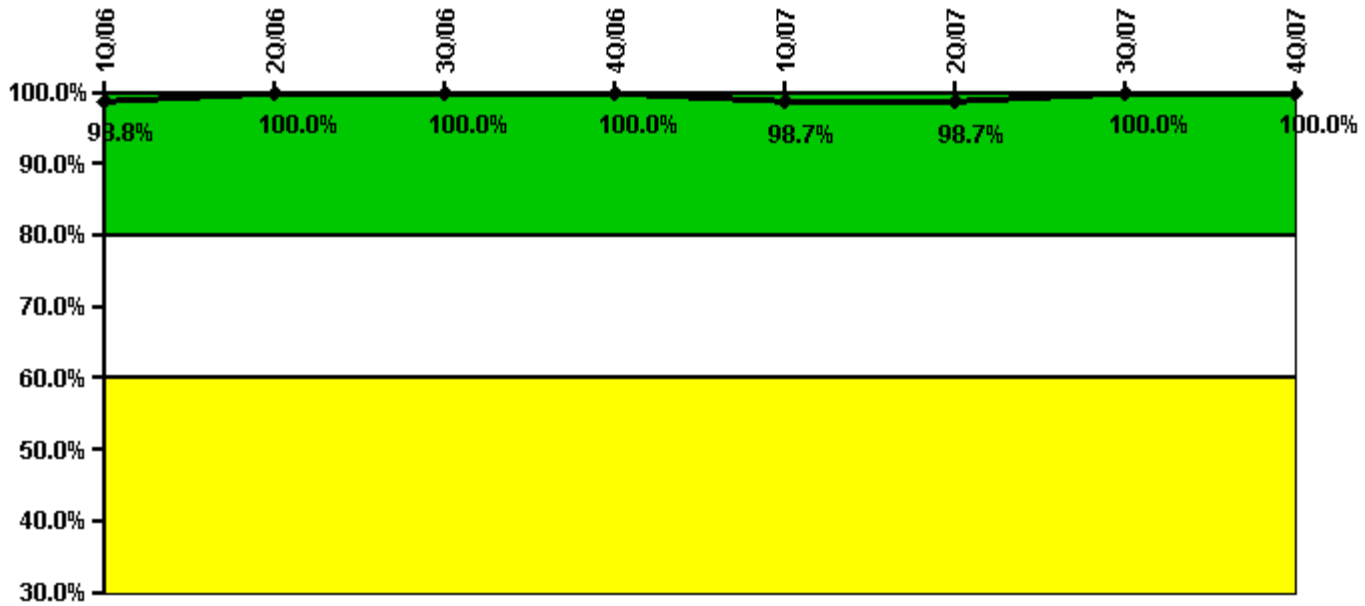
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	28.0	27.0	24.0	32.0	18.0	17.0	29.0	33.0
Total opportunities	28.0	28.0	25.0	32.0	18.0	17.0	29.0	33.0
Indicator value	99.6%	99.2%	98.8%	99.2%	99.1%	99.1%	99.1%	99.0%

Licensee Comments: none

ERO Drill Participation



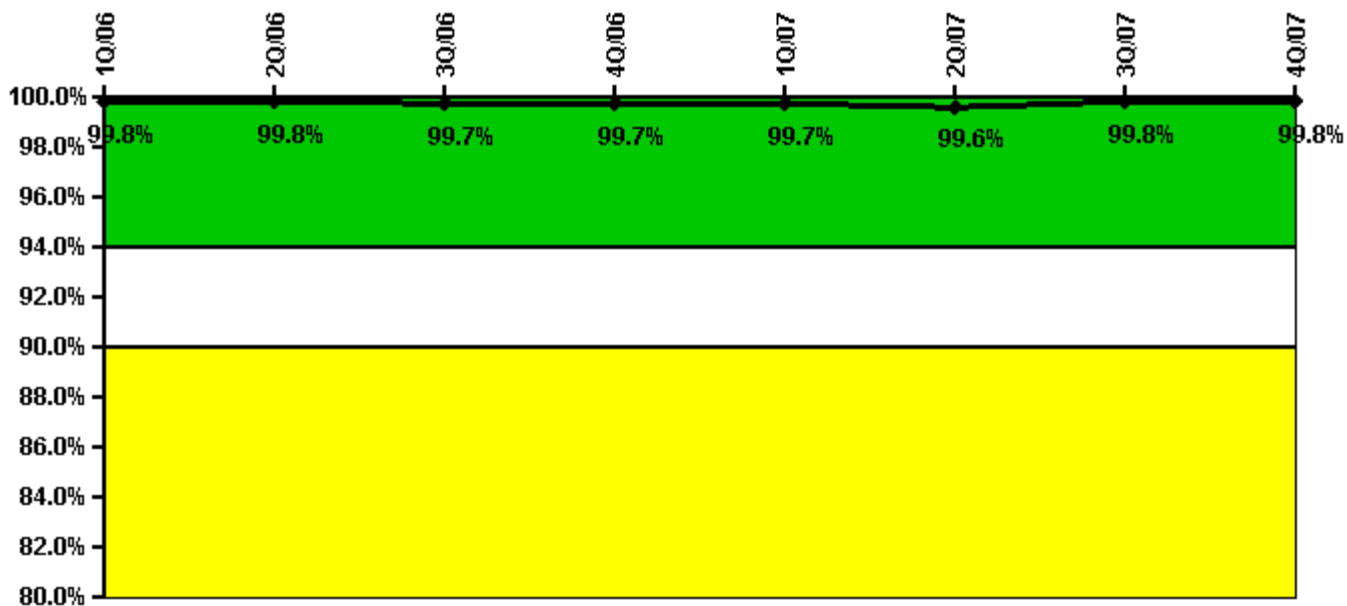
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	79.0	81.0	84.0	81.0	77.0	75.0	89.0	83.0
Total Key personnel	80.0	81.0	84.0	81.0	78.0	76.0	89.0	83.0
Indicator value	98.8%	100.0%	100.0%	100.0%	98.7%	98.7%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



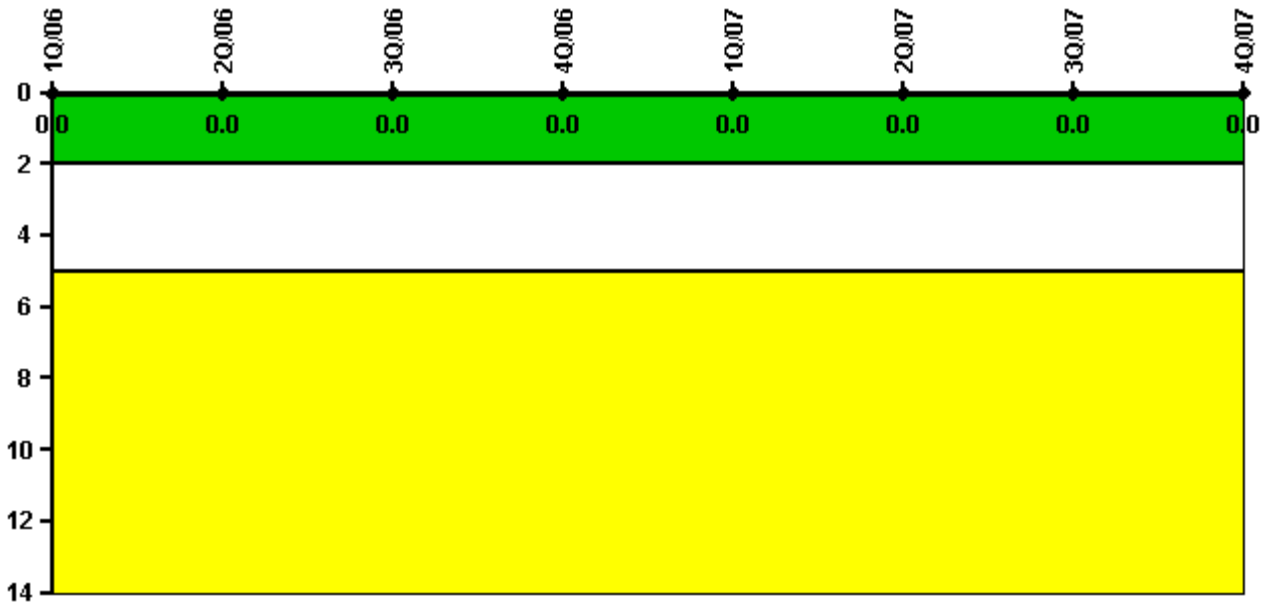
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	726	847	838	725	847	724	845	724
Total sirens-tests	726	847	847	726	847	726	847	726
Indicator value	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



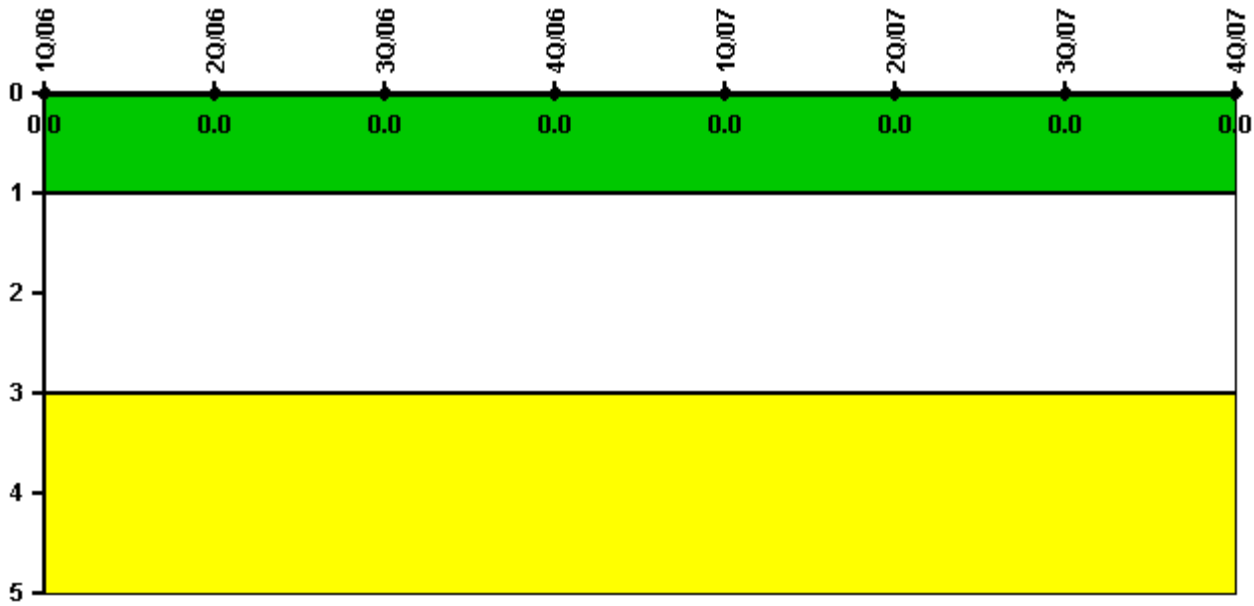
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

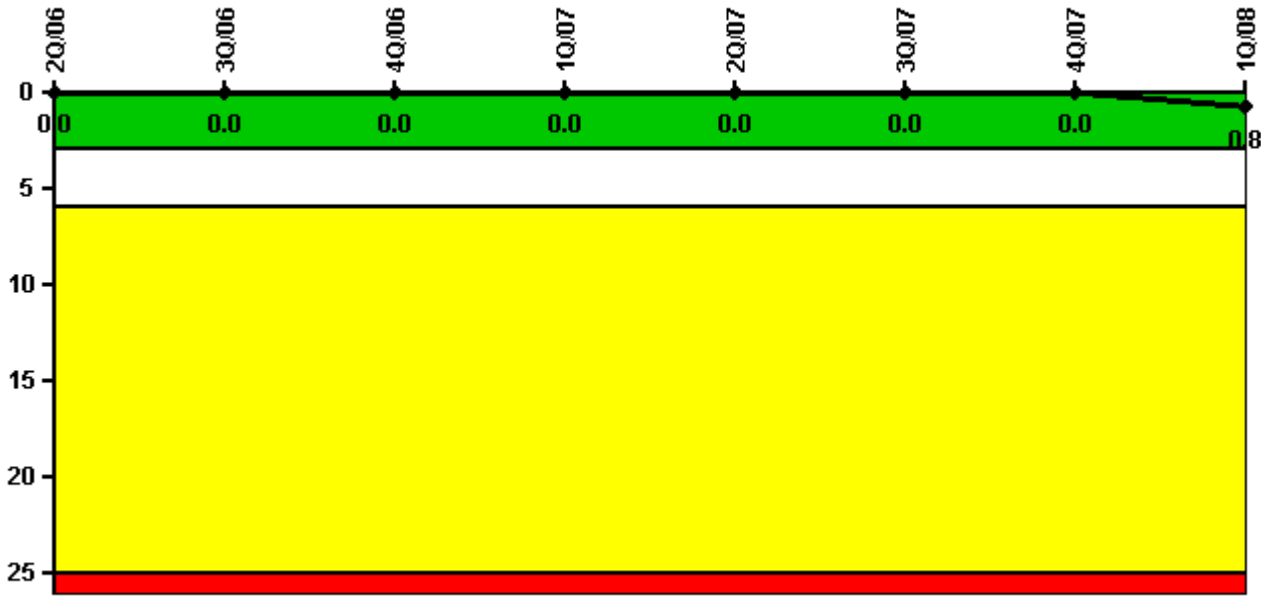
Last Modified: February 4, 2008

Seabrook 1

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



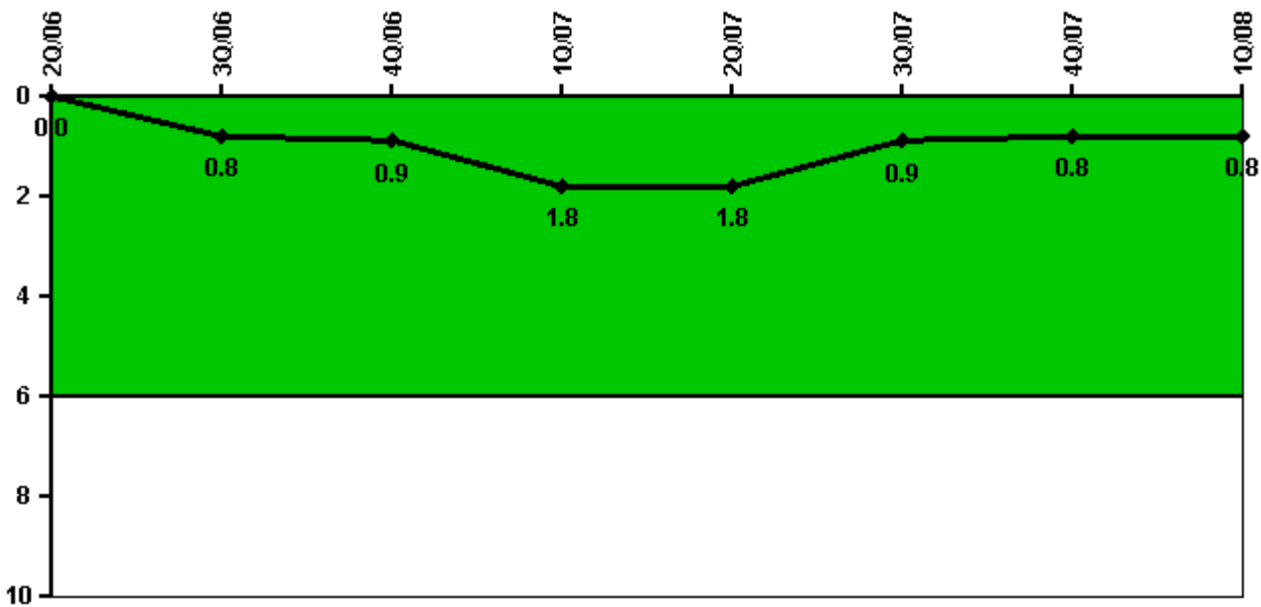
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0
Indicator value	0	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



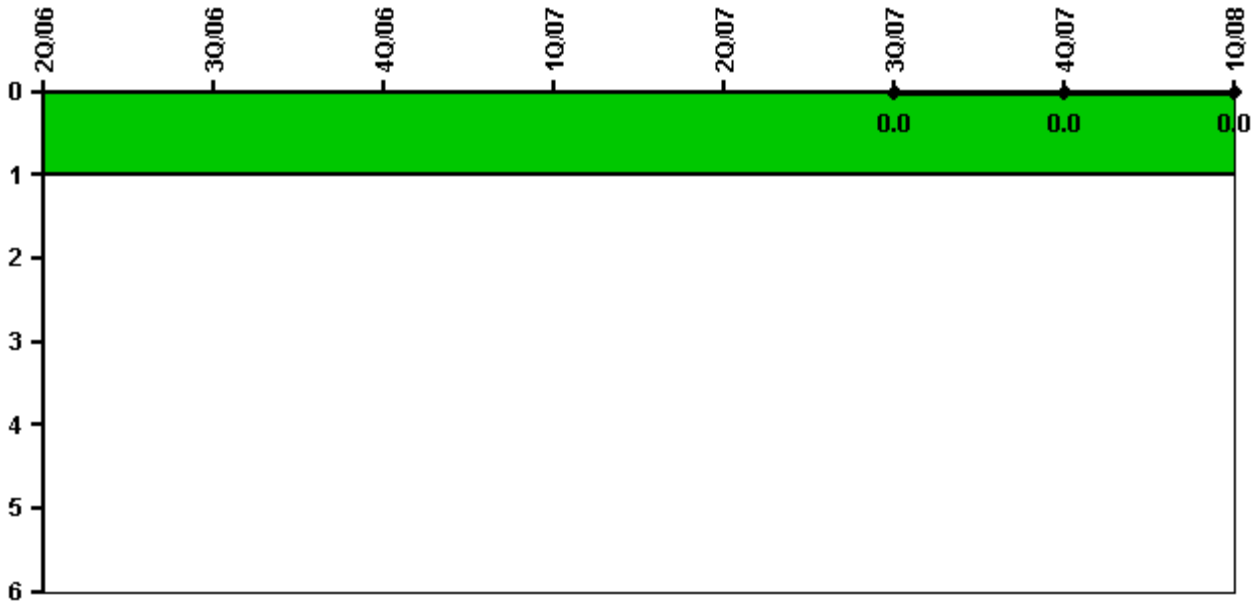
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	1.0	0	1.0	0	0	0	1.0
Critical hours	2183.0	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0
Indicator value	0	0.8	0.9	1.8	1.8	0.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



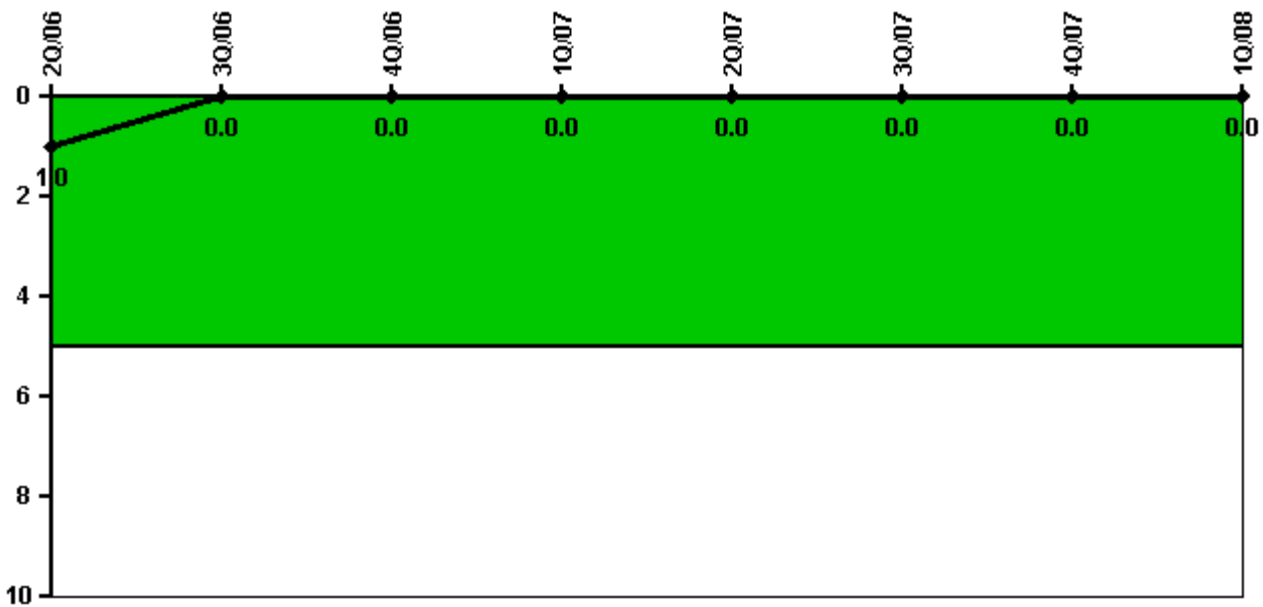
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



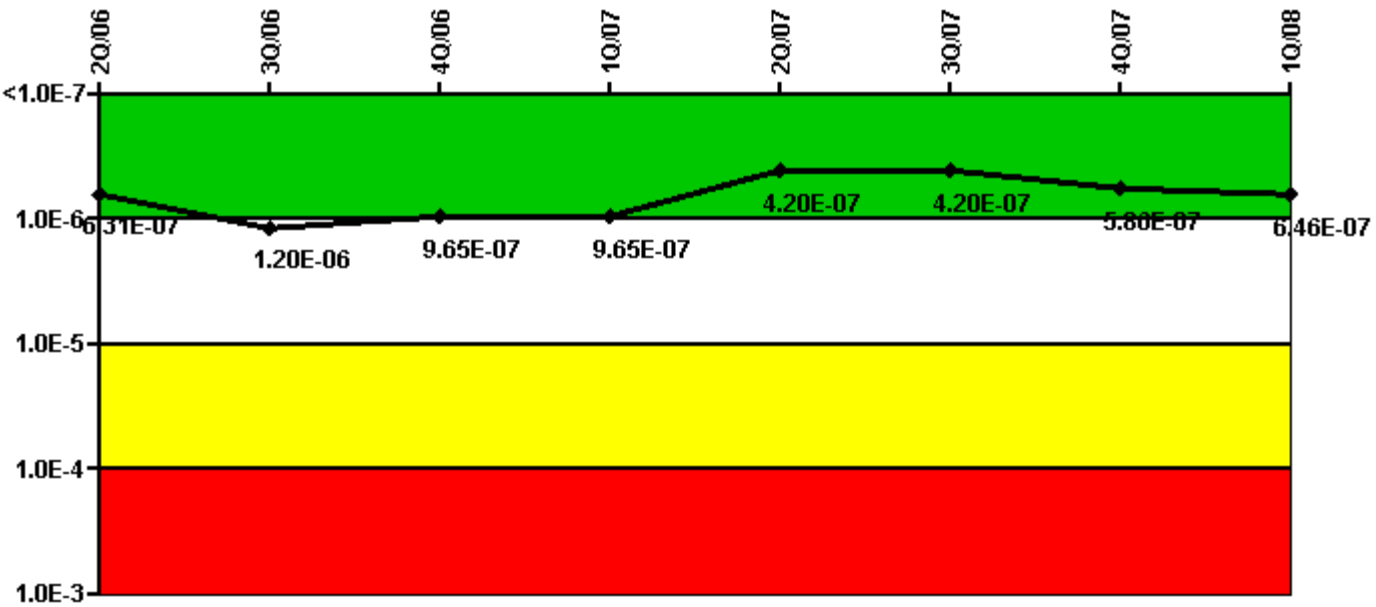
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



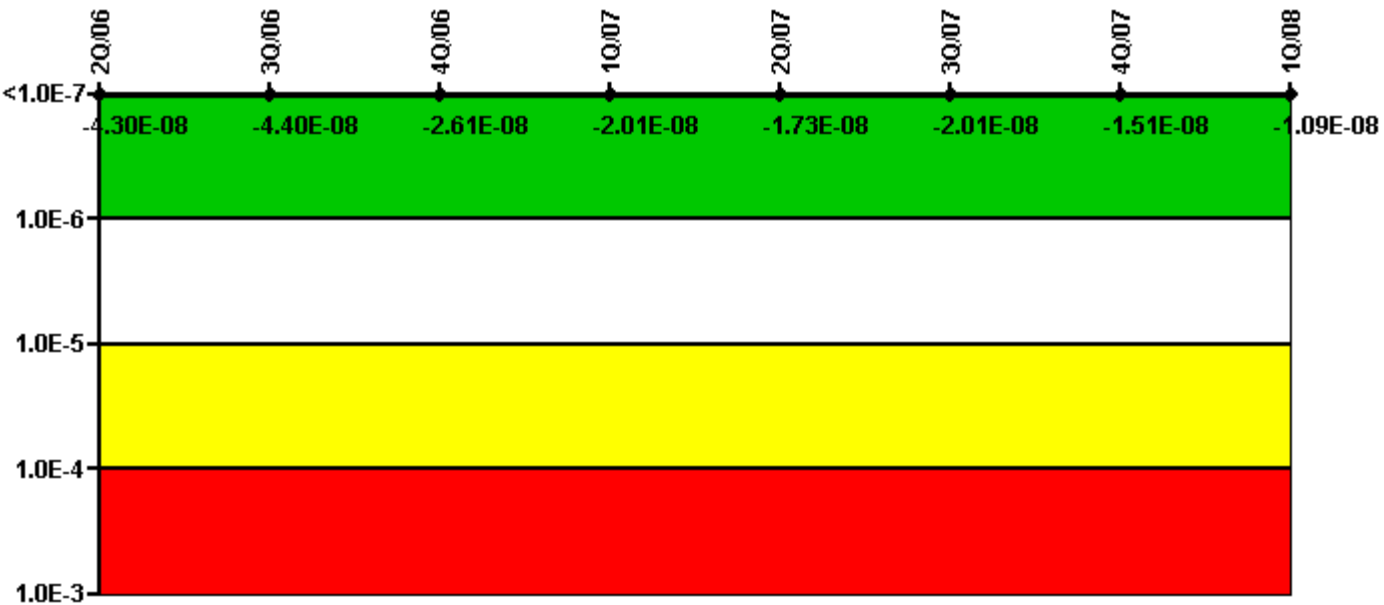
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-9.90E-08	-1.00E-07	-3.50E-08	-3.50E-08	-5.00E-08	-5.00E-08	-7.40E-08	-7.40E-08
URI (ΔCDF)	7.30E-07	1.30E-06	1.00E-06	1.00E-06	4.70E-07	4.70E-07	6.60E-07	7.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.31E-07	1.20E-06	9.65E-07	9.65E-07	4.20E-07	4.20E-07	5.86E-07	6.46E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



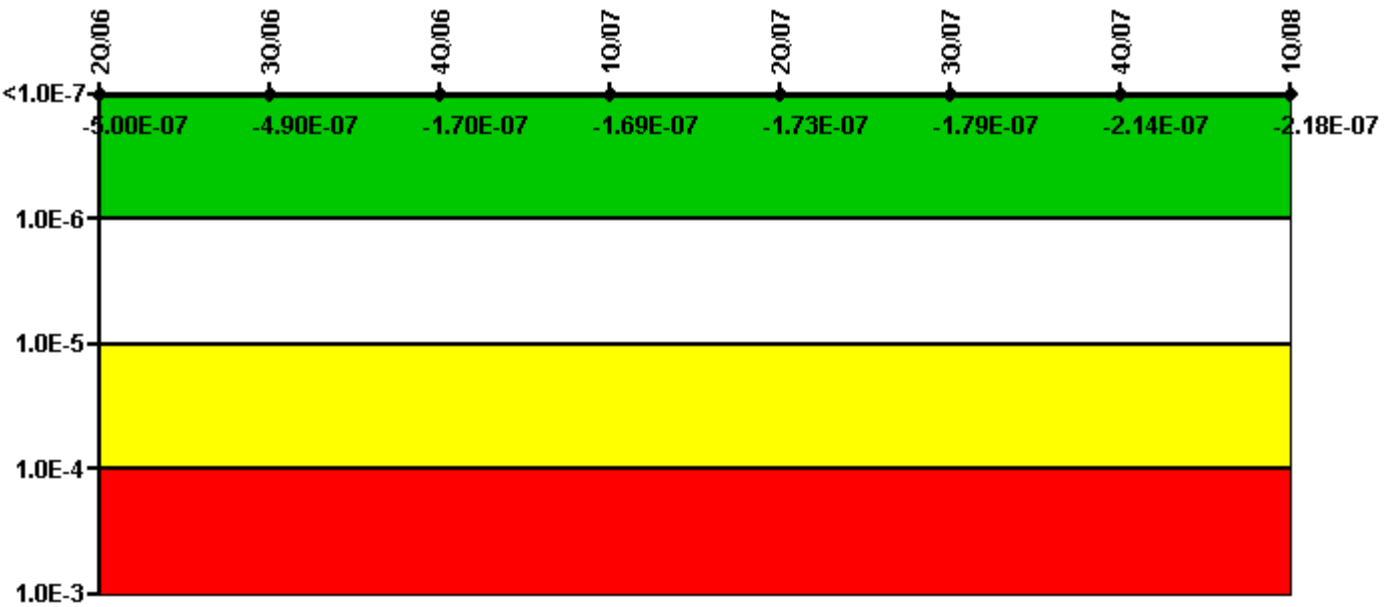
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-1.70E-08	-1.80E-08	-1.80E-08	-1.20E-08	-9.10E-09	-1.20E-08	-6.20E-09	-1.90E-09
URI (ΔCDF)	-2.60E-08	-2.60E-08	-8.10E-09	-8.10E-09	-8.20E-09	-8.10E-09	-8.90E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-08	-4.40E-08	-2.61E-08	-2.01E-08	-1.73E-08	-2.01E-08	-1.51E-08	-1.09E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



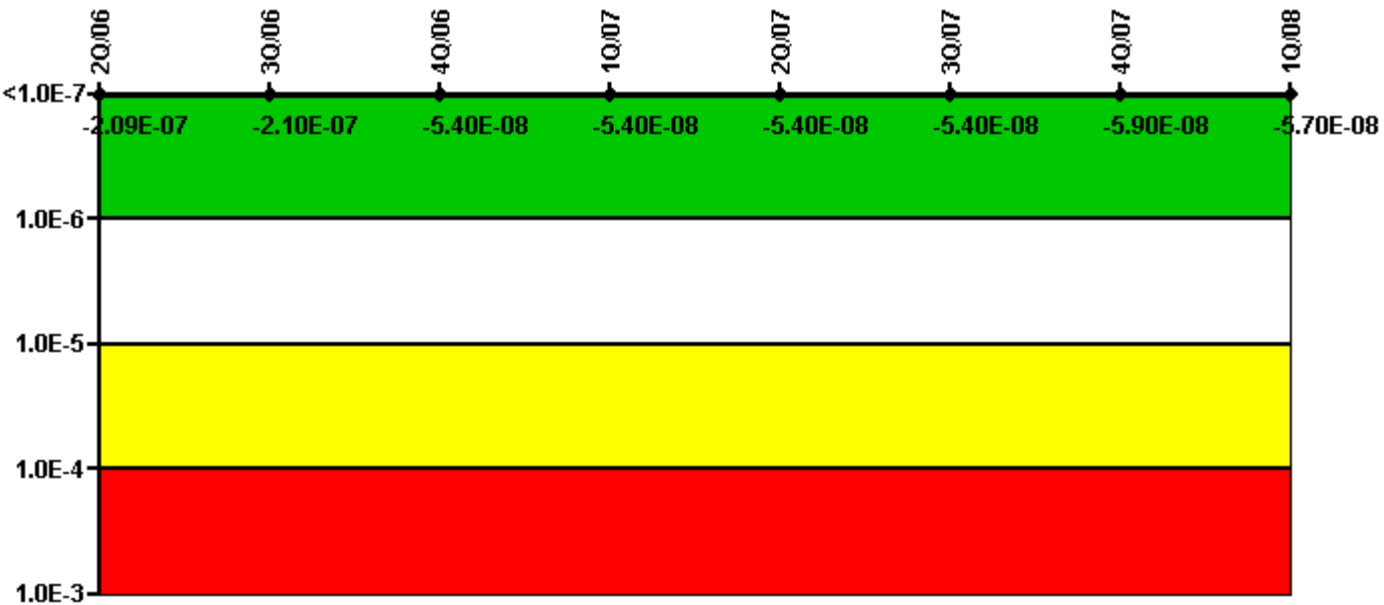
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-1.80E-07	-1.60E-07	-4.00E-08	-3.90E-08	-5.30E-08	-5.90E-08	-8.40E-08	-8.80E-08
URI (Δ CDF)	-3.20E-07	-3.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-07	-4.90E-07	-1.70E-07	-1.69E-07	-1.73E-07	-1.79E-07	-2.14E-07	-2.18E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



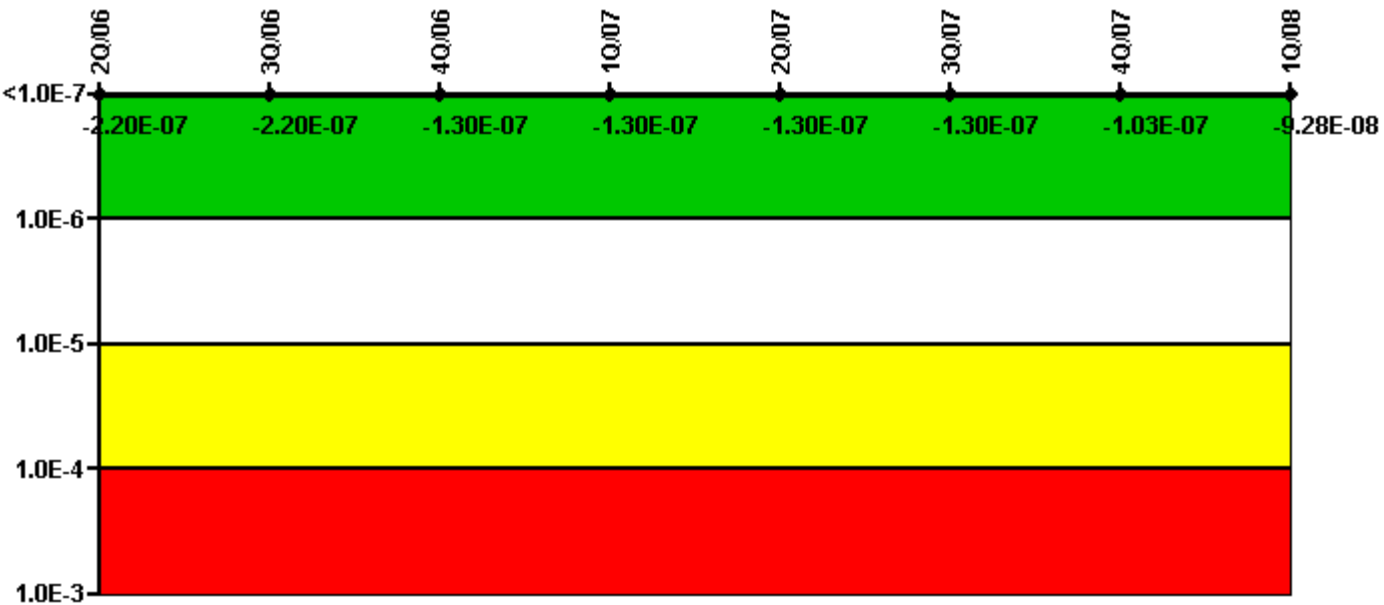
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-4.90E-08	-5.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08	-1.10E-08
URI (Δ CDF)	-1.60E-07	-1.60E-07	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.40E-08	-4.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.09E-07	-2.10E-07	-5.40E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.90E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



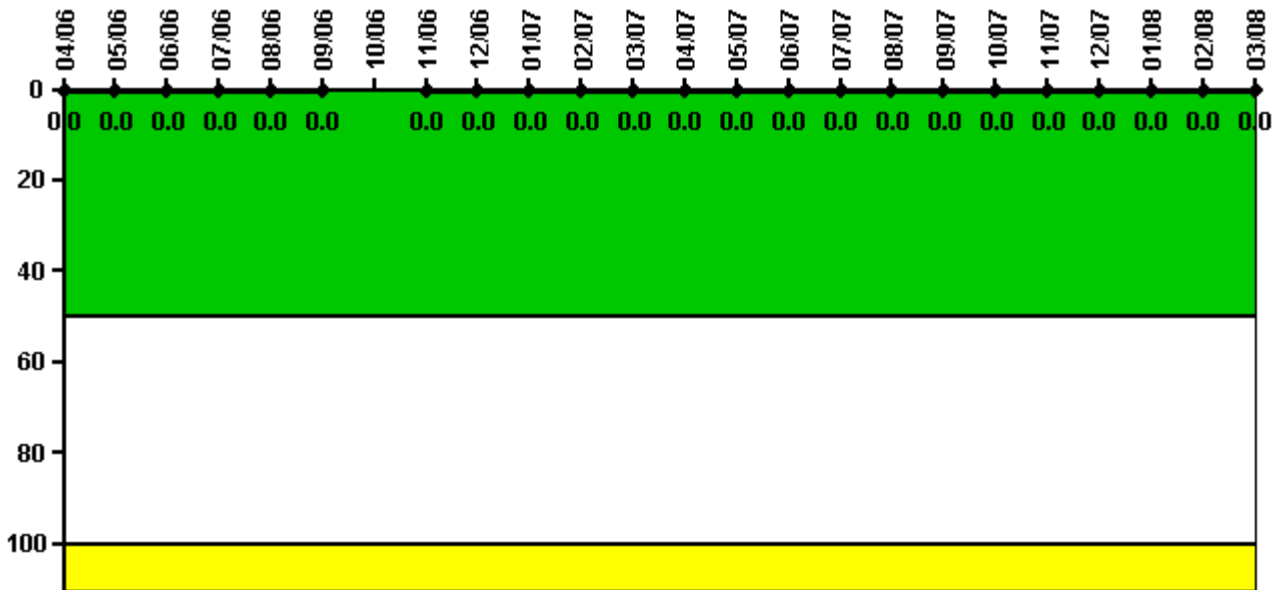
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-1.10E-11	-1.10E-11	-3.20E-14	-3.20E-14	-3.20E-14	-3.20E-14	7.10E-09	7.20E-09
URI (Δ CDF)	-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.10E-07	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-07	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.03E-07	-9.28E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

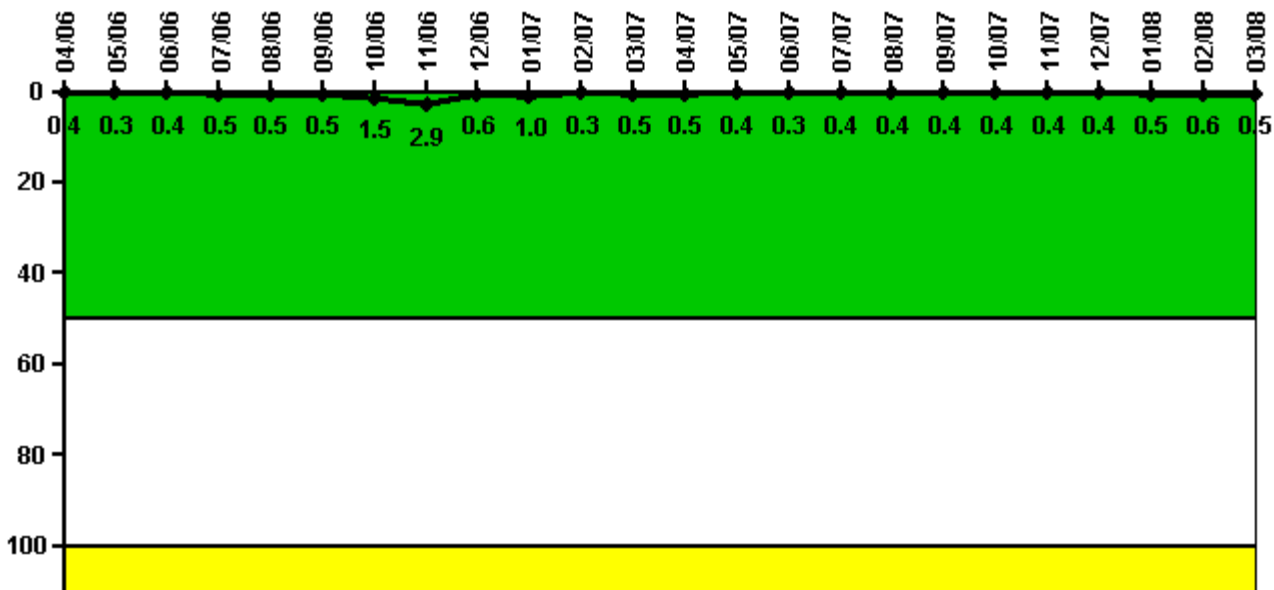
Notes

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125	N/A	0.000042	0.000059	0.000058	0.000077	0.000070
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



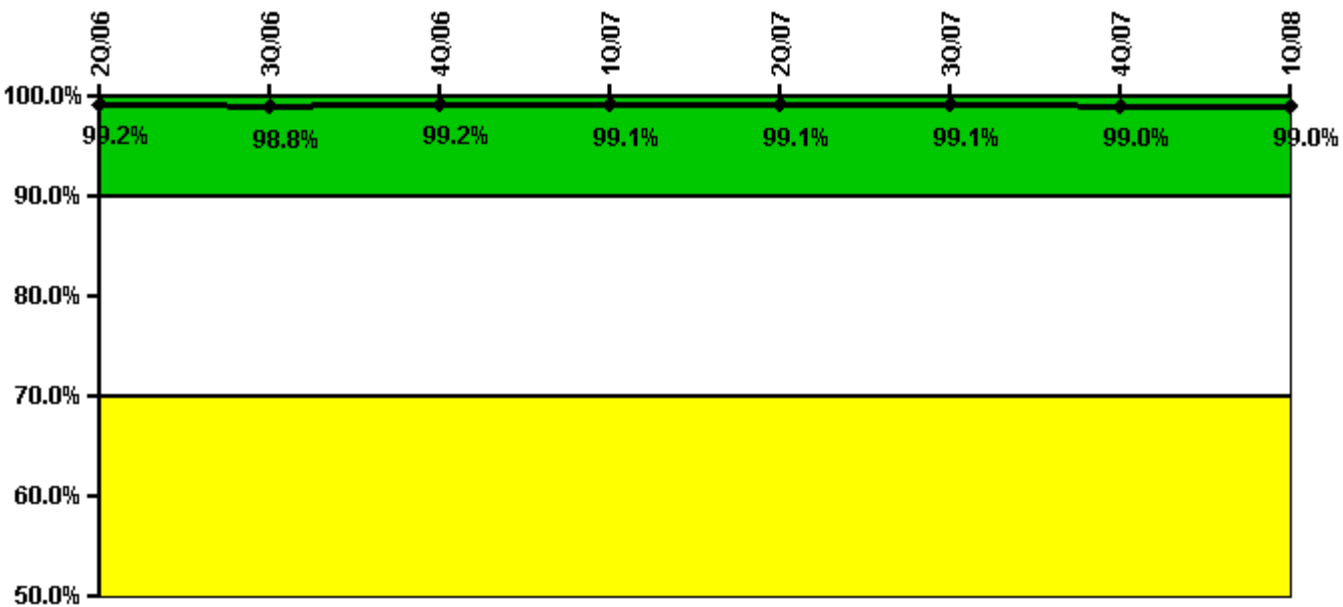
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.040	0.031	0.040	0.046	0.050	0.050	0.152	0.290	0.060	0.103	0.030	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.5	0.5	0.5	1.5	2.9	0.6	1.0	0.3	0.5
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.047	0.035	0.034	0.036	0.040	0.035	0.036	0.039	0.039	0.045	0.057	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



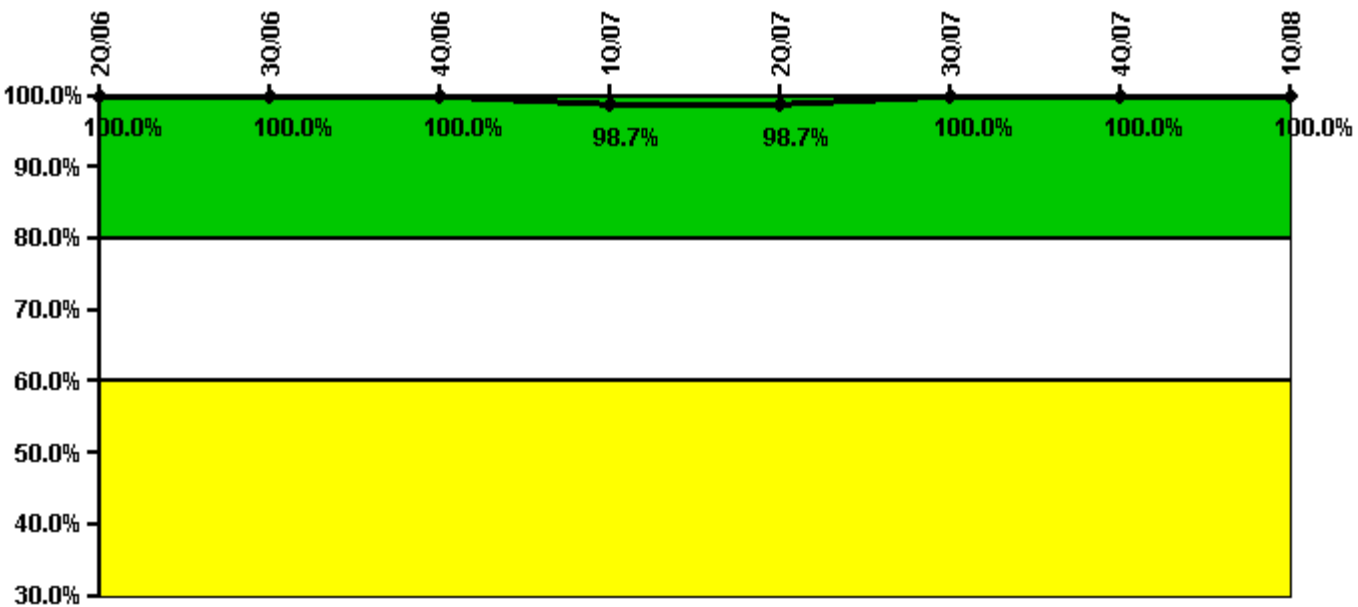
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	27.0	24.0	32.0	18.0	17.0	29.0	33.0	19.0
Total opportunities	28.0	25.0	32.0	18.0	17.0	29.0	33.0	19.0
Indicator value	99.2%	98.8%	99.2%	99.1%	99.1%	99.1%	99.0%	99.0%

Licensee Comments: none

ERO Drill Participation



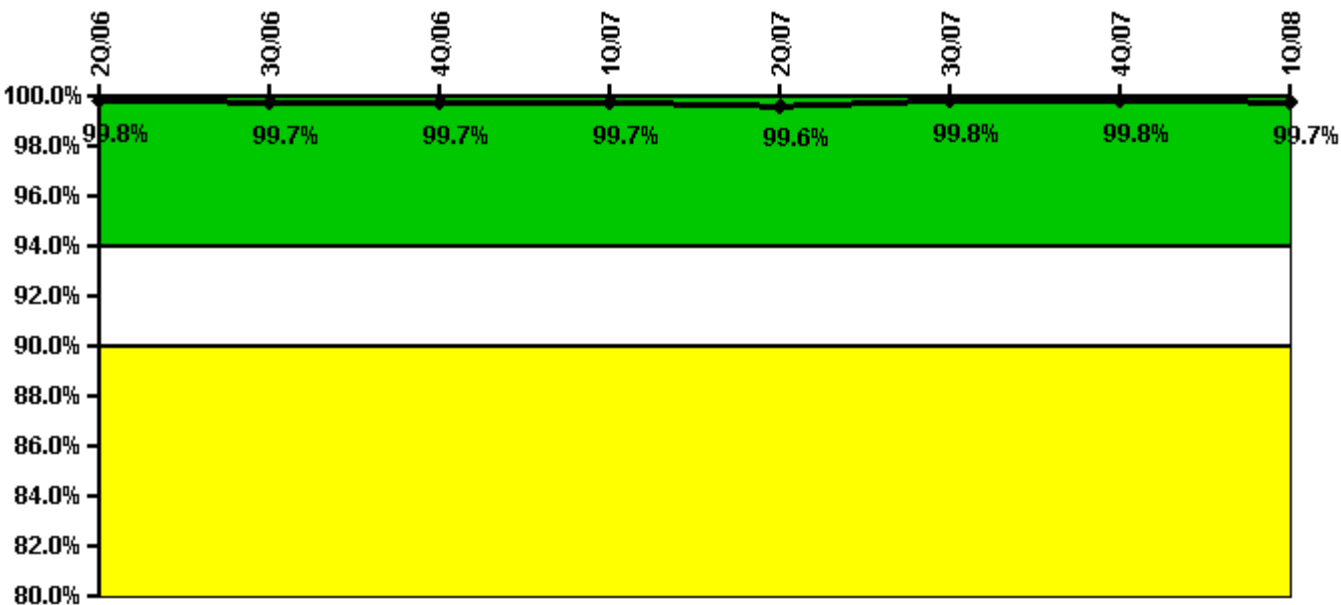
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	81.0	84.0	81.0	77.0	75.0	89.0	83.0	82.0
Total Key personnel	81.0	84.0	81.0	78.0	76.0	89.0	83.0	82.0
Indicator value	100.0%	100.0%	100.0%	98.7%	98.7%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



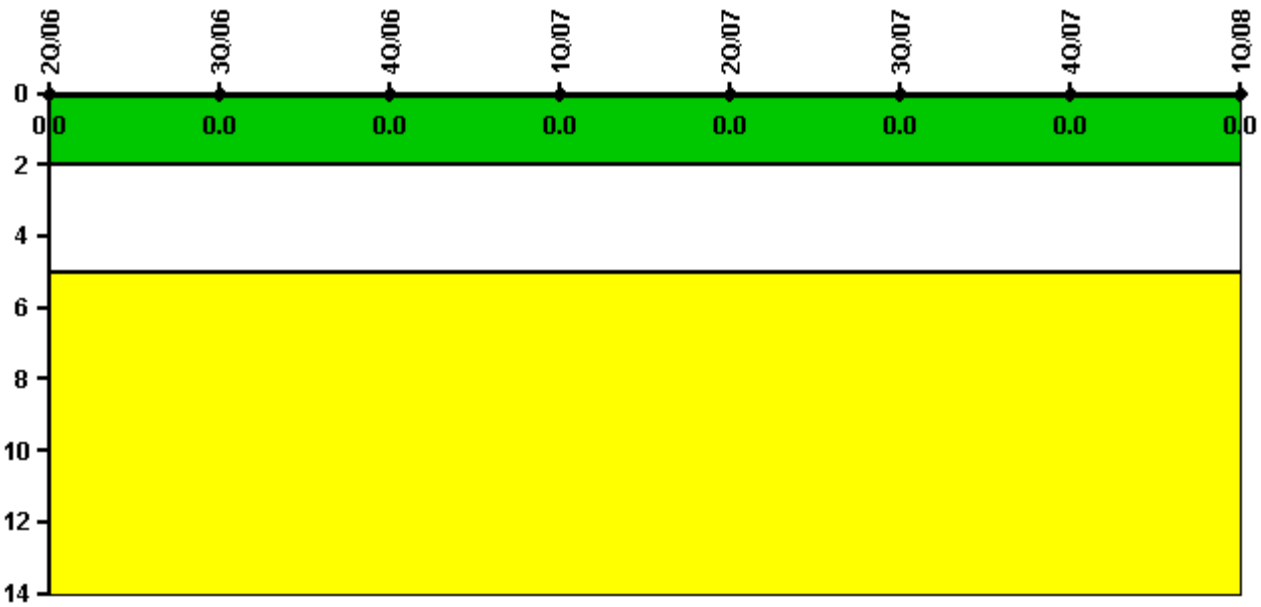
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	847	838	725	847	724	845	724	845
Total sirens-tests	847	847	726	847	726	847	726	847
Indicator value	99.8%	99.7%	99.7%	99.7%	99.6%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



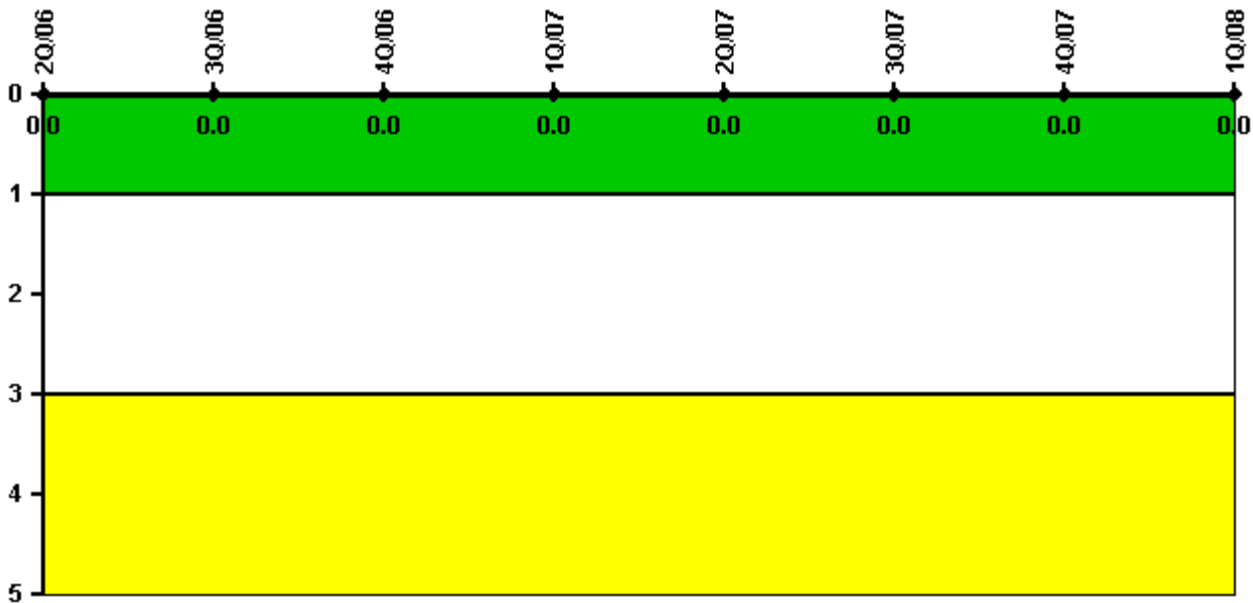
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

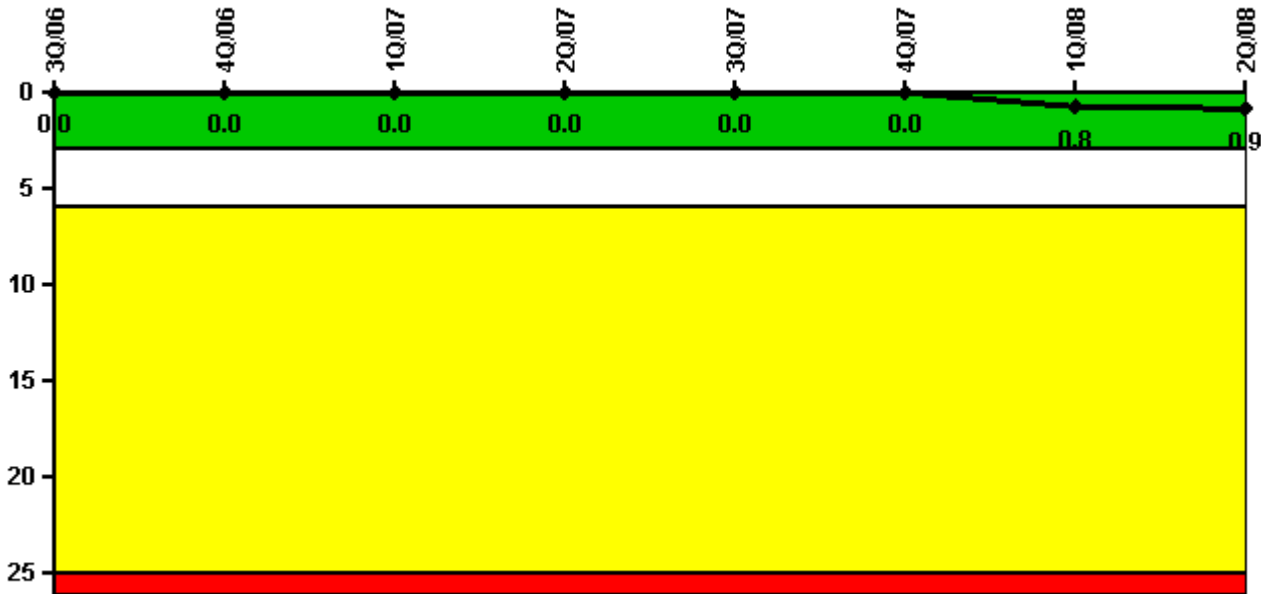
Last Modified: April 30, 2008

Seabrook 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



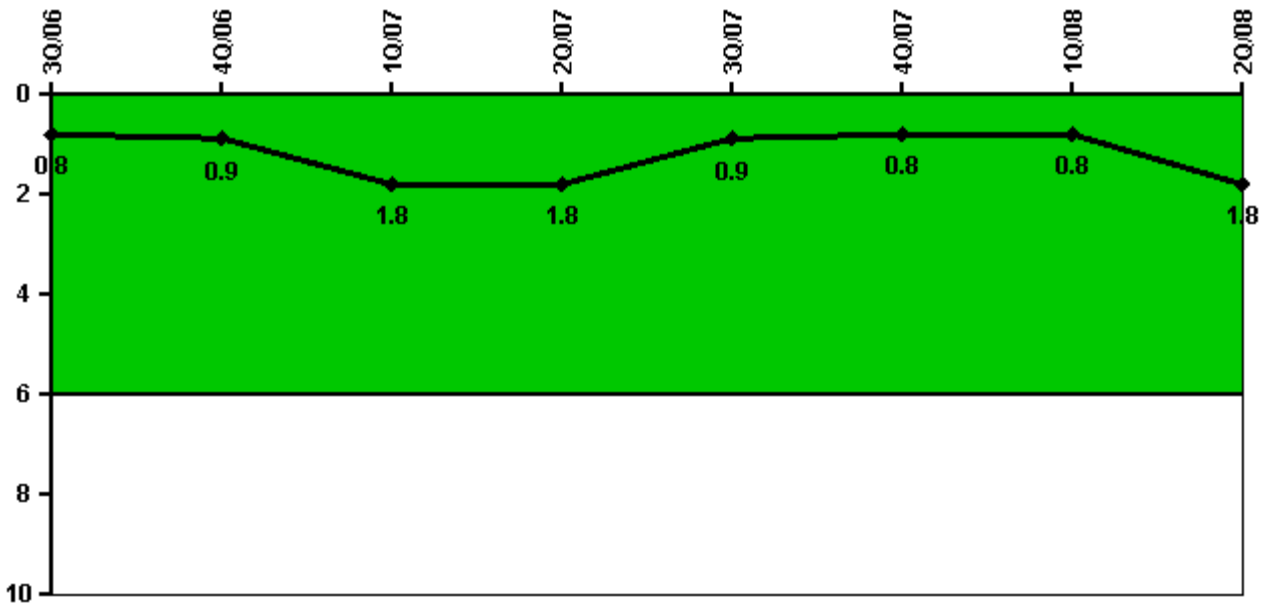
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4
Indicator value	0	0	0	0	0	0	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



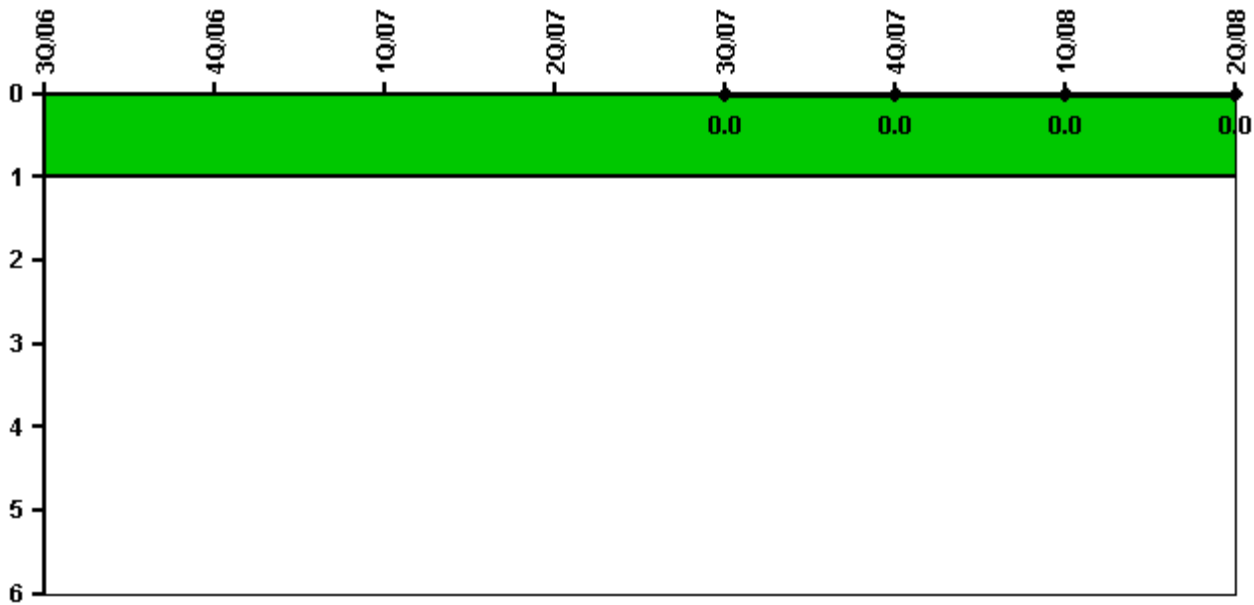
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	1.0	0	1.0	0	0	0	1.0	1.0
Critical hours	2138.3	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4
Indicator value	0.8	0.9	1.8	1.8	0.9	0.8	0.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



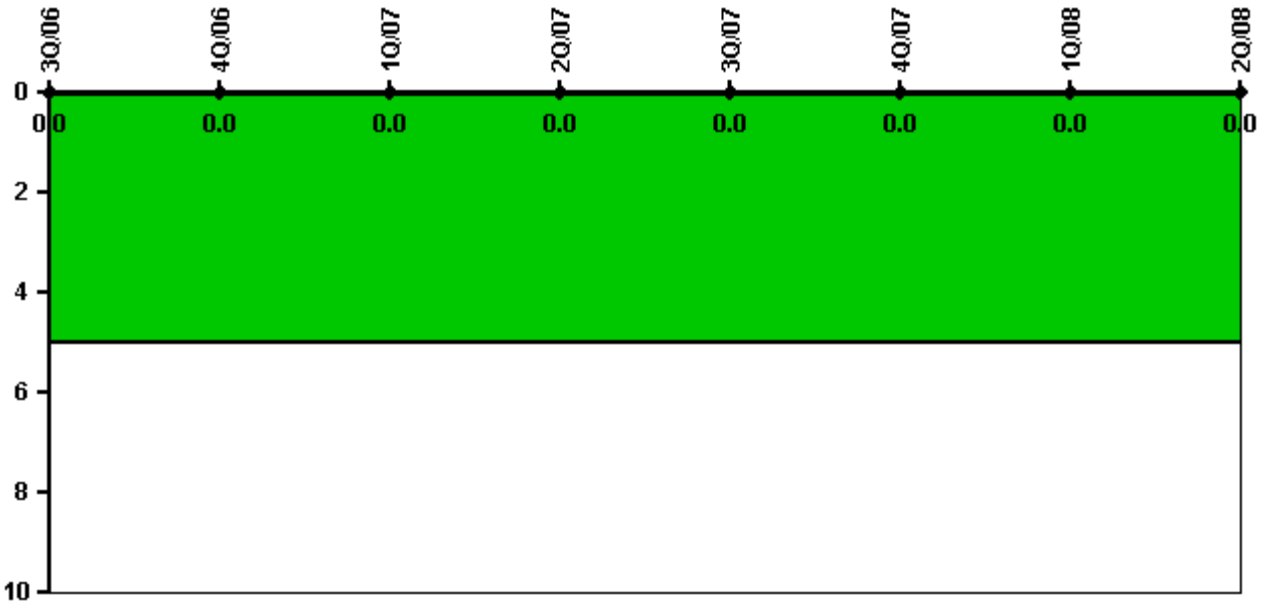
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



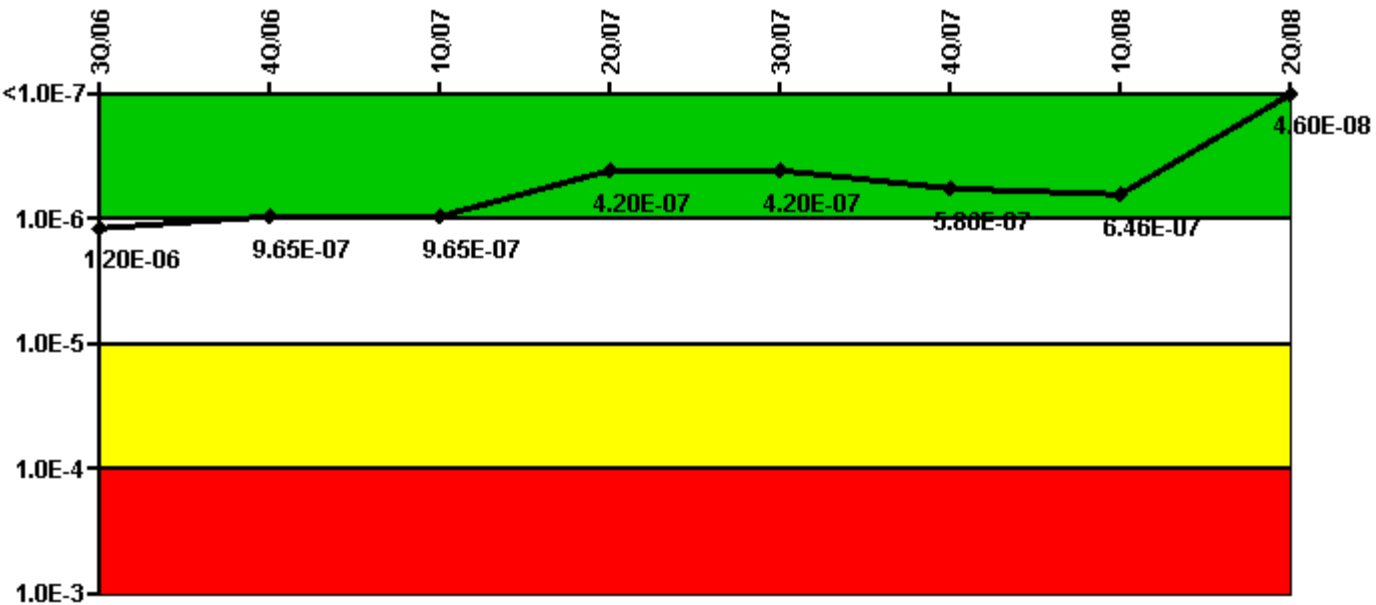
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



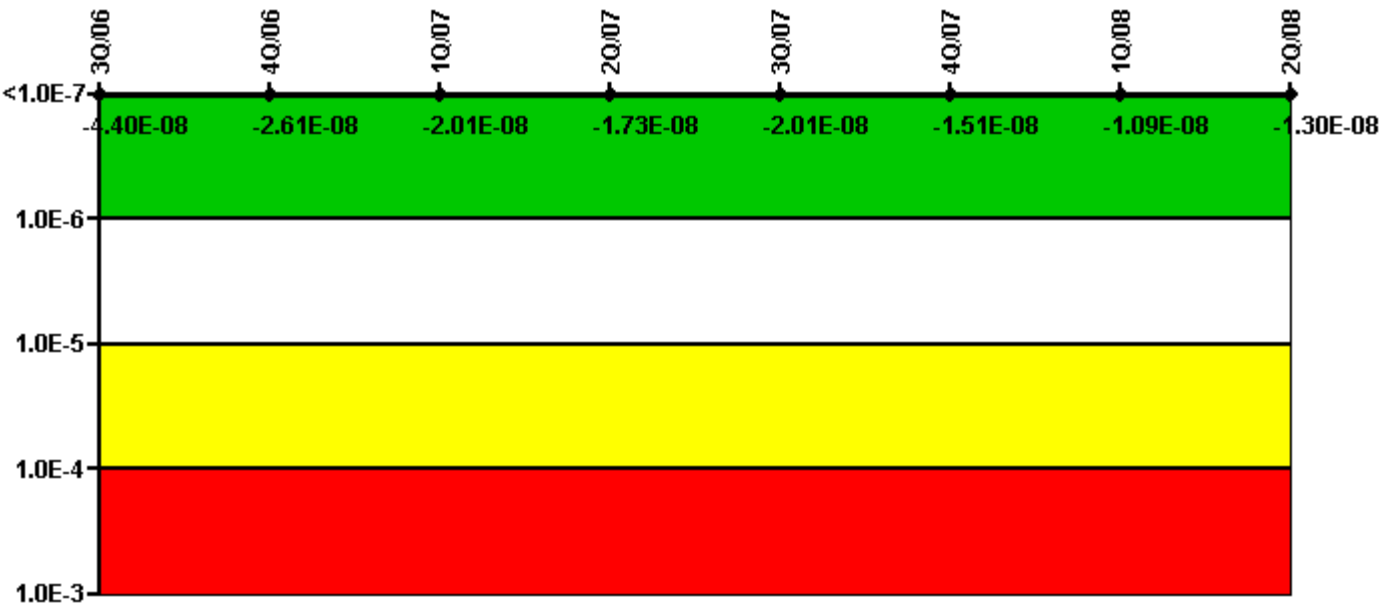
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.00E-07	-3.50E-08	-3.50E-08	-5.00E-08	-5.00E-08	-7.40E-08	-7.40E-08	-7.40E-08
URI (Δ CDF)	1.30E-06	1.00E-06	1.00E-06	4.70E-07	4.70E-07	6.60E-07	7.20E-07	1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-06	9.65E-07	9.65E-07	4.20E-07	4.20E-07	5.86E-07	6.46E-07	4.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



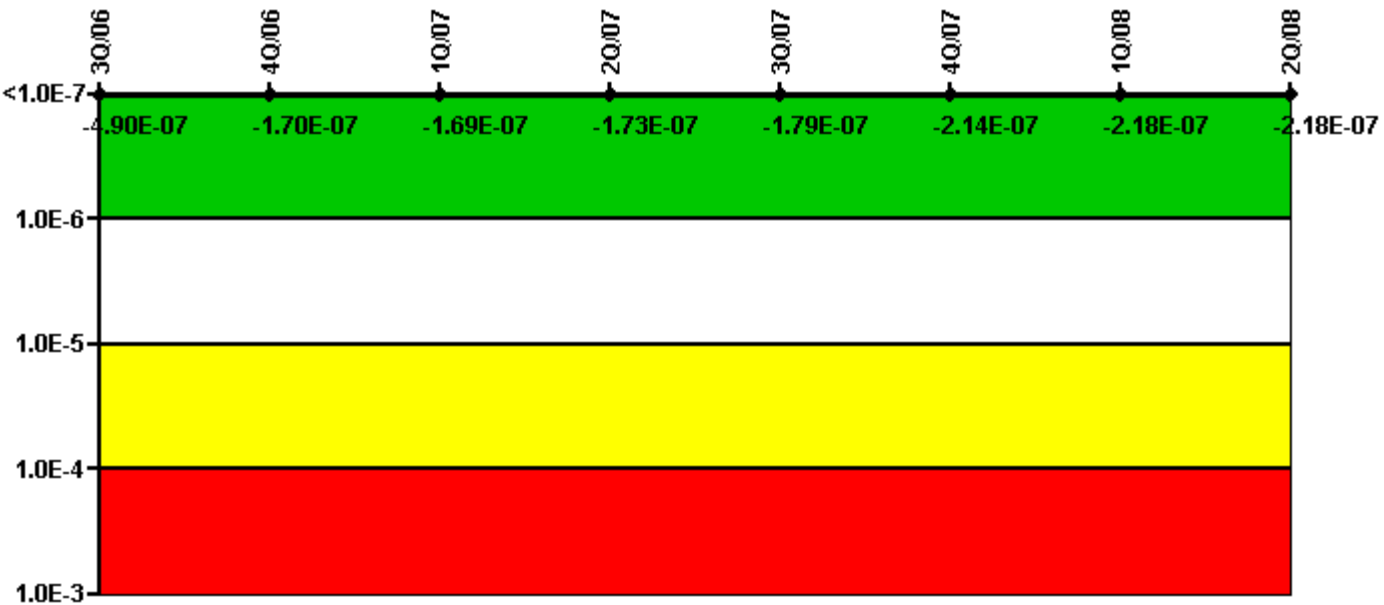
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.80E-08	-1.80E-08	-1.20E-08	-9.10E-09	-1.20E-08	-6.20E-09	-1.90E-09	-4.20E-09
URI (Δ CDF)	-2.60E-08	-8.10E-09	-8.10E-09	-8.20E-09	-8.10E-09	-8.90E-09	-9.00E-09	-8.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-08	-2.61E-08	-2.01E-08	-1.73E-08	-2.01E-08	-1.51E-08	-1.09E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



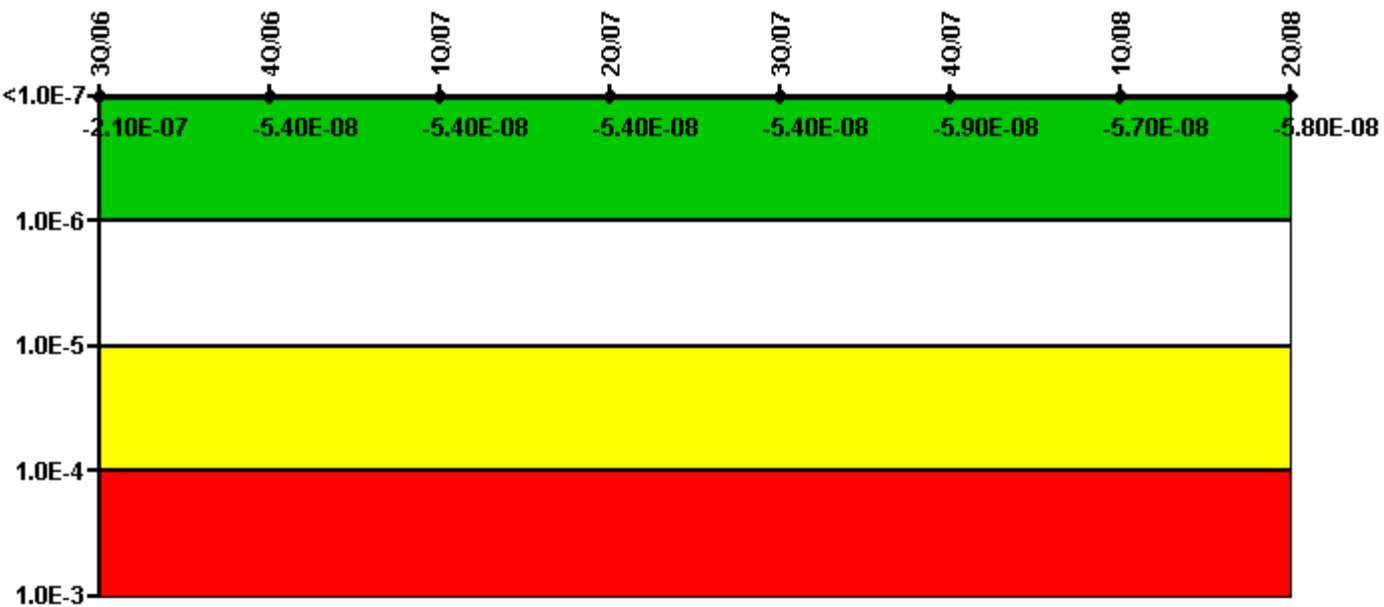
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.60E-07	-4.00E-08	-3.90E-08	-5.30E-08	-5.90E-08	-8.40E-08	-8.80E-08	-8.80E-08
URI (Δ CDF)	-3.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.90E-07	-1.70E-07	-1.69E-07	-1.73E-07	-1.79E-07	-2.14E-07	-2.18E-07	-2.18E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



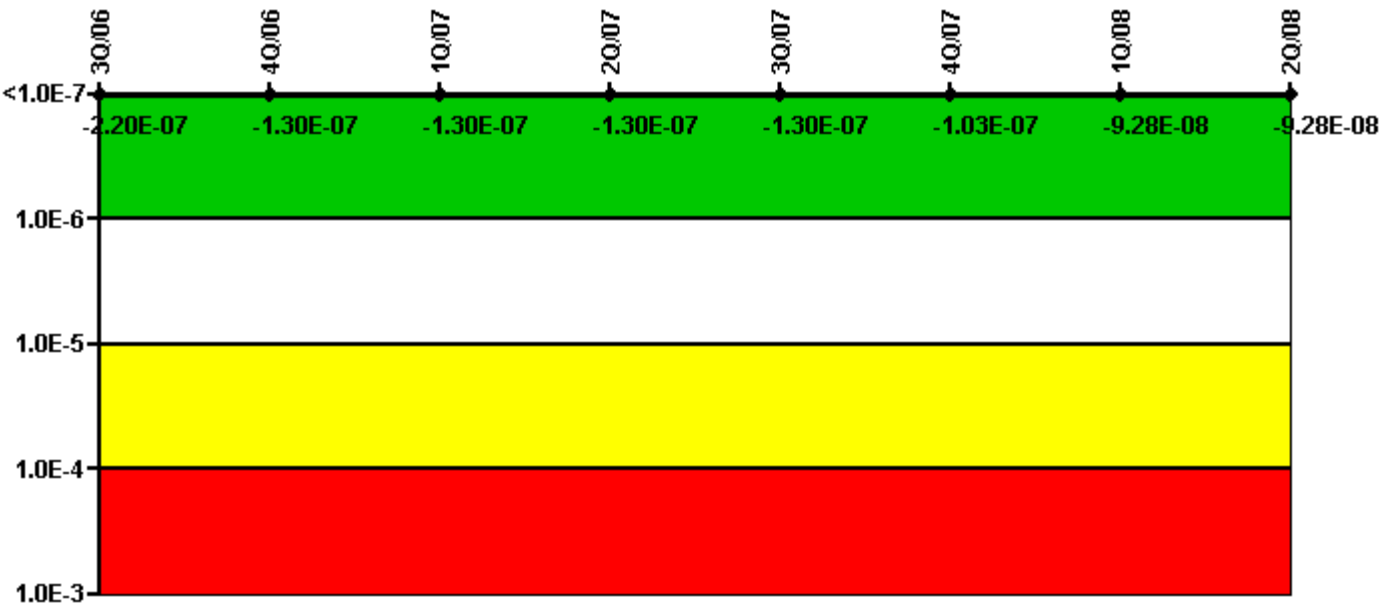
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-5.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08	-1.10E-08	-1.10E-08
URI (Δ CDF)	-1.60E-07	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.40E-08	-4.60E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-07	-5.40E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.90E-08	-5.70E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



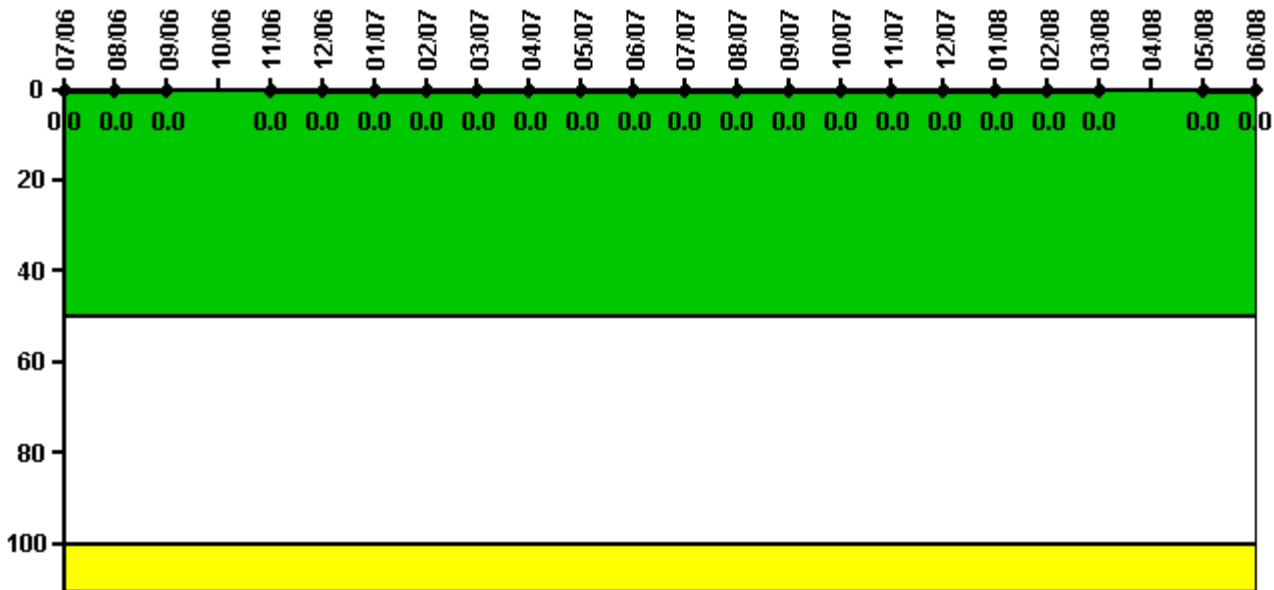
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.10E-11	-3.20E-14	-3.20E-14	-3.20E-14	-3.20E-14	7.10E-09	7.20E-09	7.20E-09
URI (Δ CDF)	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.10E-07	-1.00E-07	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.03E-07	-9.28E-08	-9.28E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

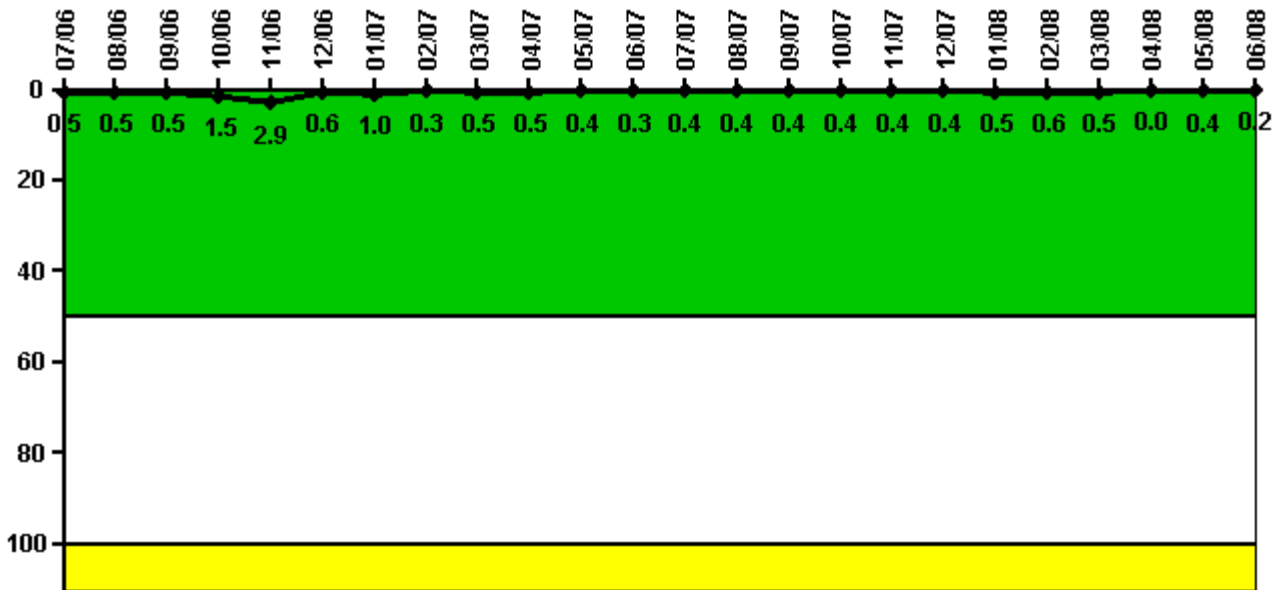
Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000112	0.000104	0.000125	N/A	0.000042	0.000059	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148	N/A	0.000055	0.000057
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



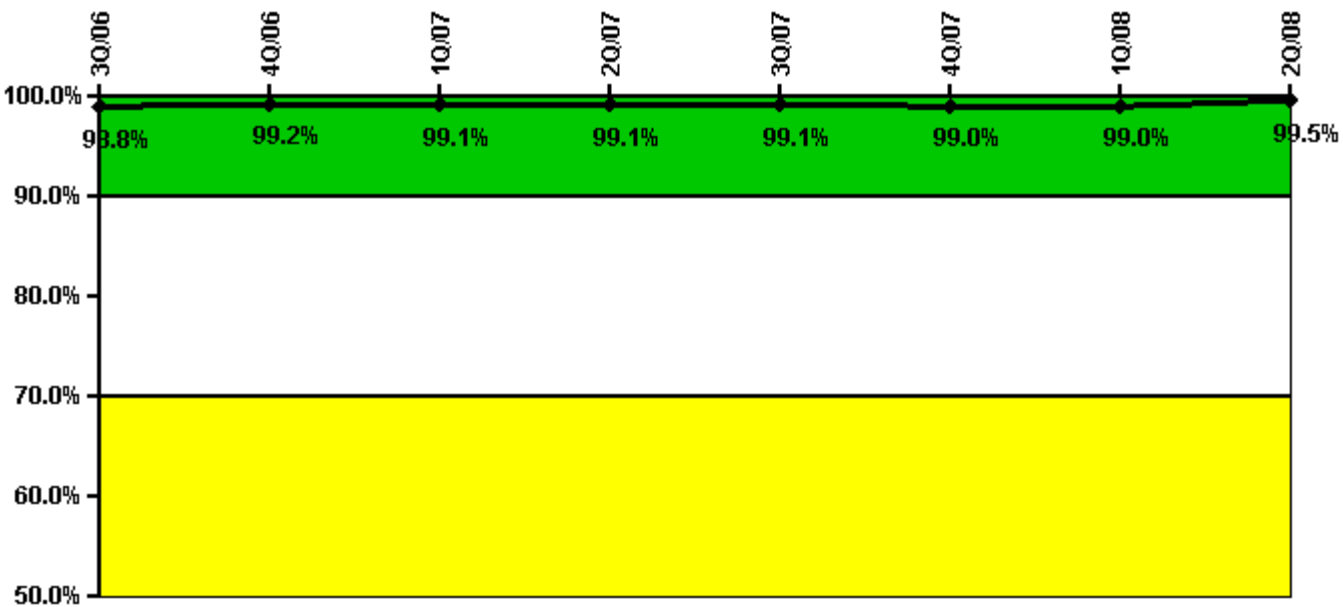
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.046	0.050	0.050	0.152	0.290	0.060	0.103	0.030	0.045	0.047	0.035	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.5	1.5	2.9	0.6	1.0	0.3	0.5	0.5	0.4	0.3
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.036	0.040	0.035	0.036	0.039	0.039	0.045	0.057	0.053	0	0.039	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0	0.4	0.2

Licensee Comments: none

Drill/Exercise Performance



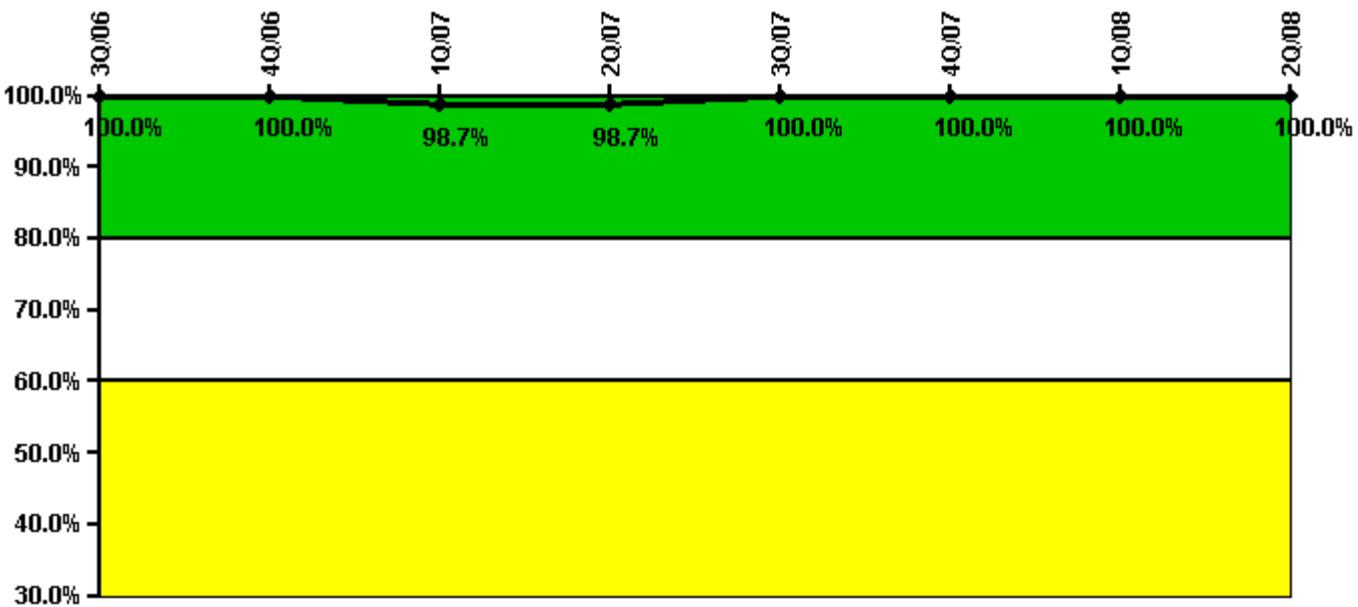
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	24.0	32.0	18.0	17.0	29.0	33.0	19.0	16.0
Total opportunities	25.0	32.0	18.0	17.0	29.0	33.0	19.0	16.0
Indicator value	98.8%	99.2%	99.1%	99.1%	99.1%	99.0%	99.0%	99.5%

Licensee Comments: none

ERO Drill Participation



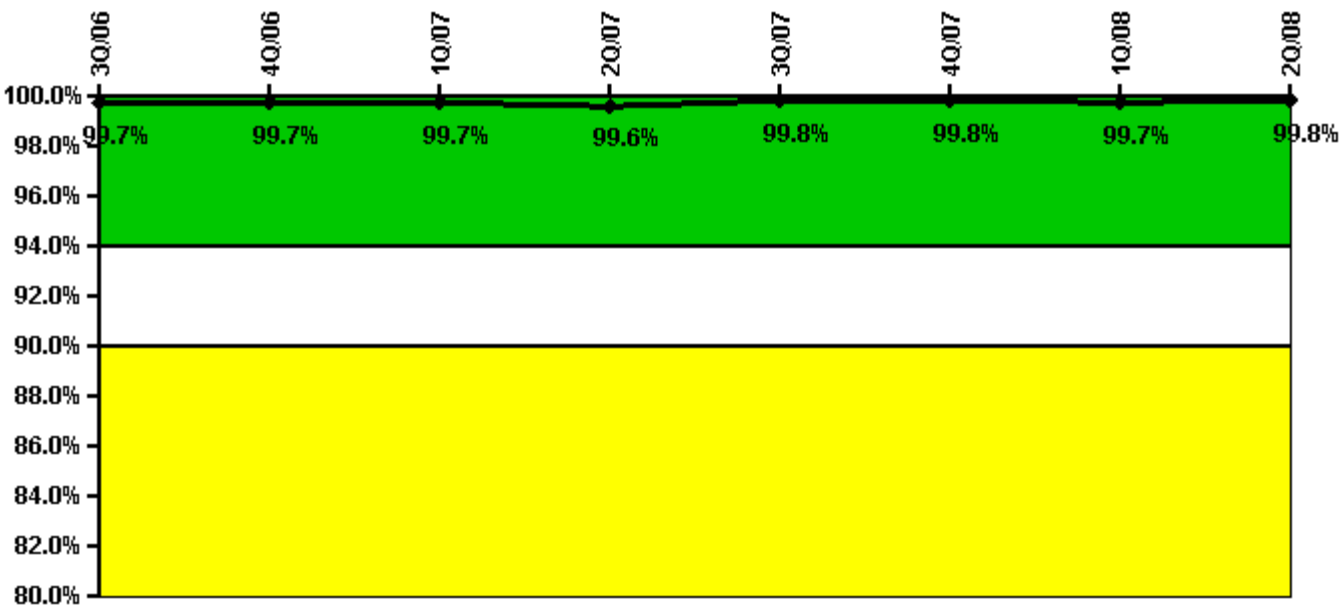
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	84.0	81.0	77.0	75.0	89.0	83.0	82.0	81.0
Total Key personnel	84.0	81.0	78.0	76.0	89.0	83.0	82.0	81.0
Indicator value	100.0%	100.0%	98.7%	98.7%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



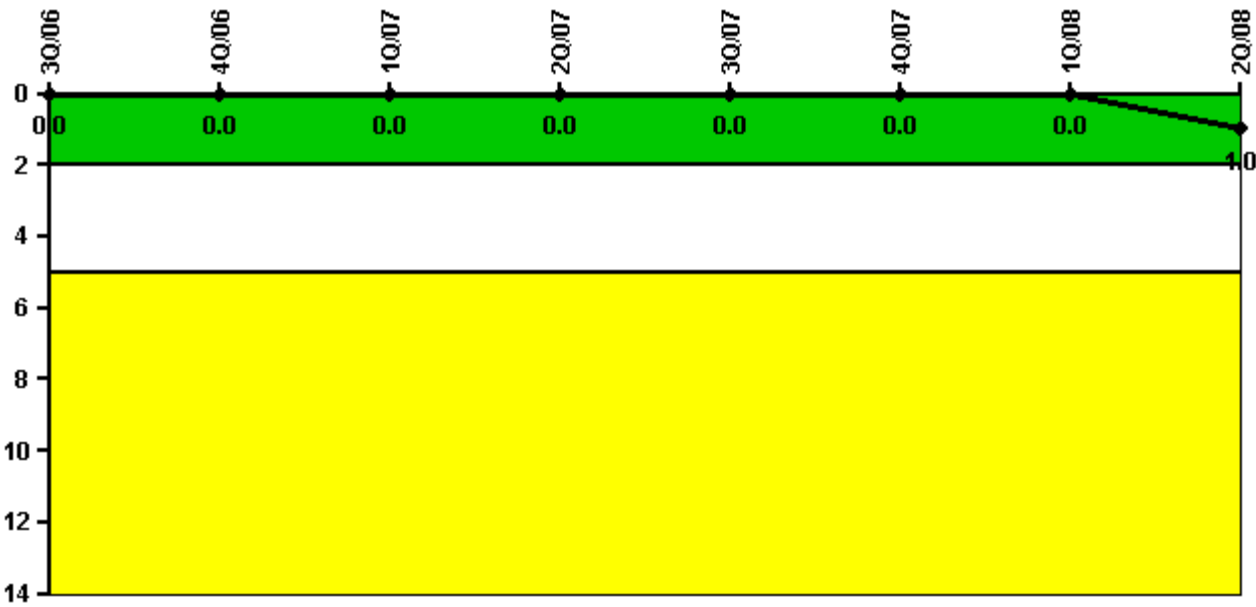
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	838	725	847	724	845	724	845	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.7%	99.7%	99.7%	99.6%	99.8%	99.8%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



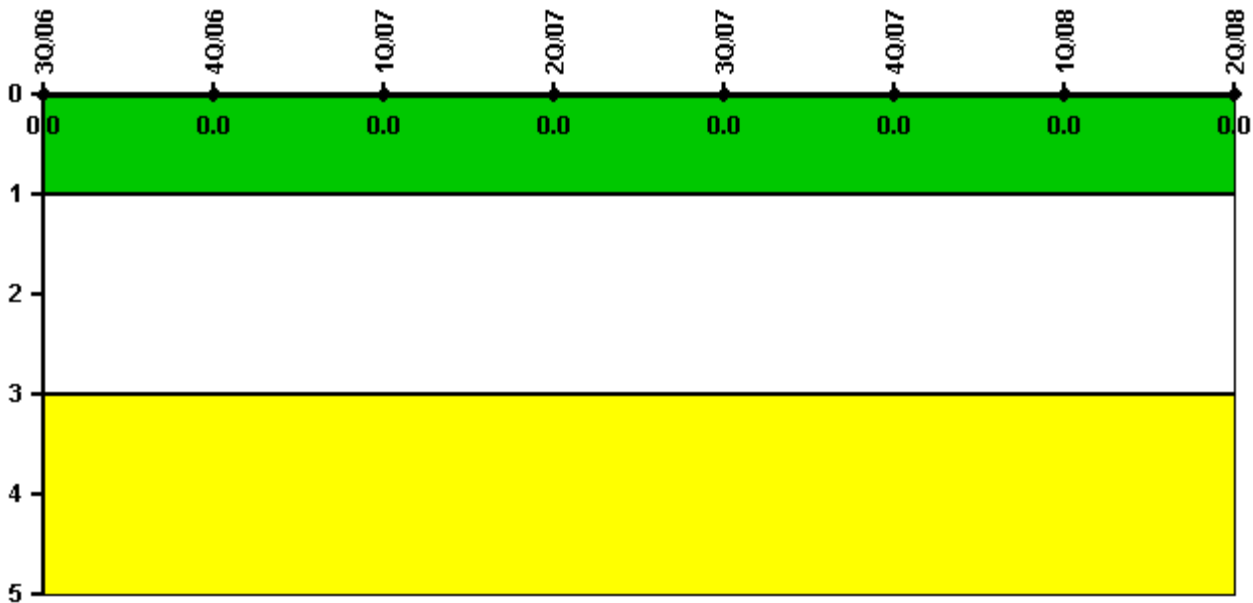
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

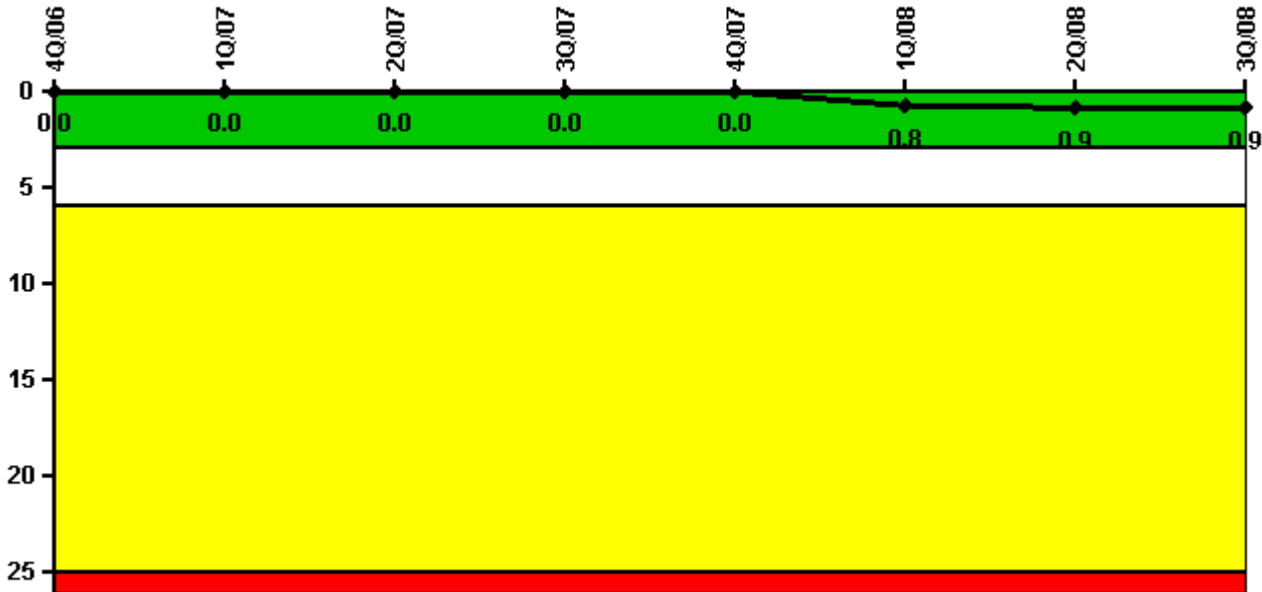
Last Modified: August 4, 2008

Seabrook 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



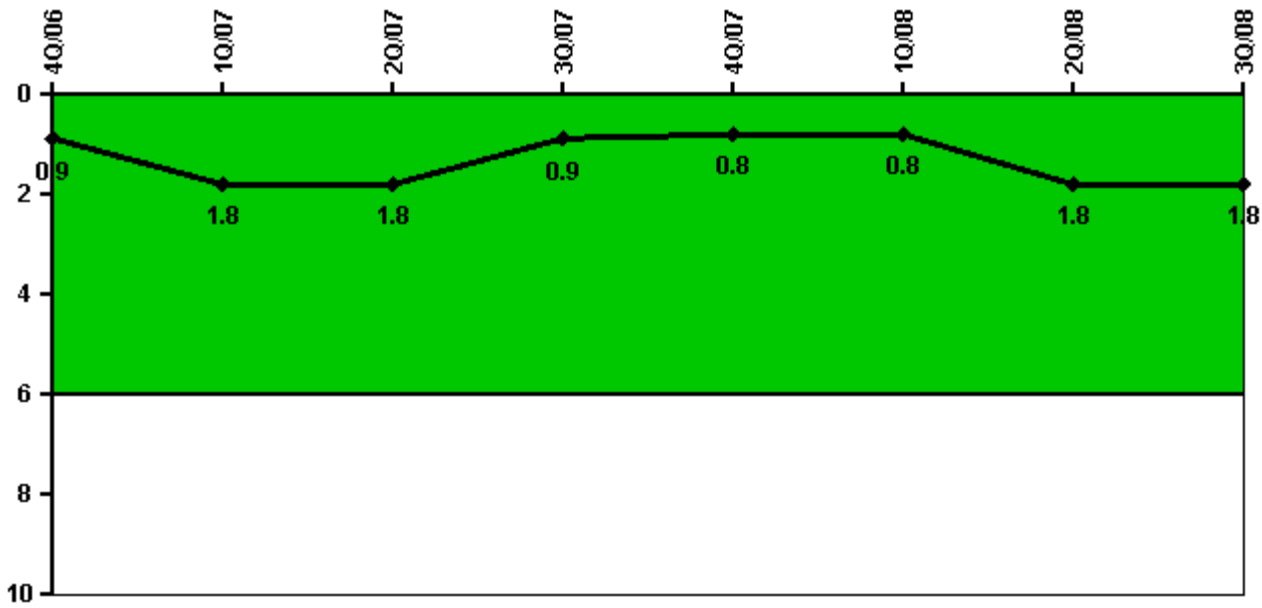
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0
Indicator value	0	0	0	0	0	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



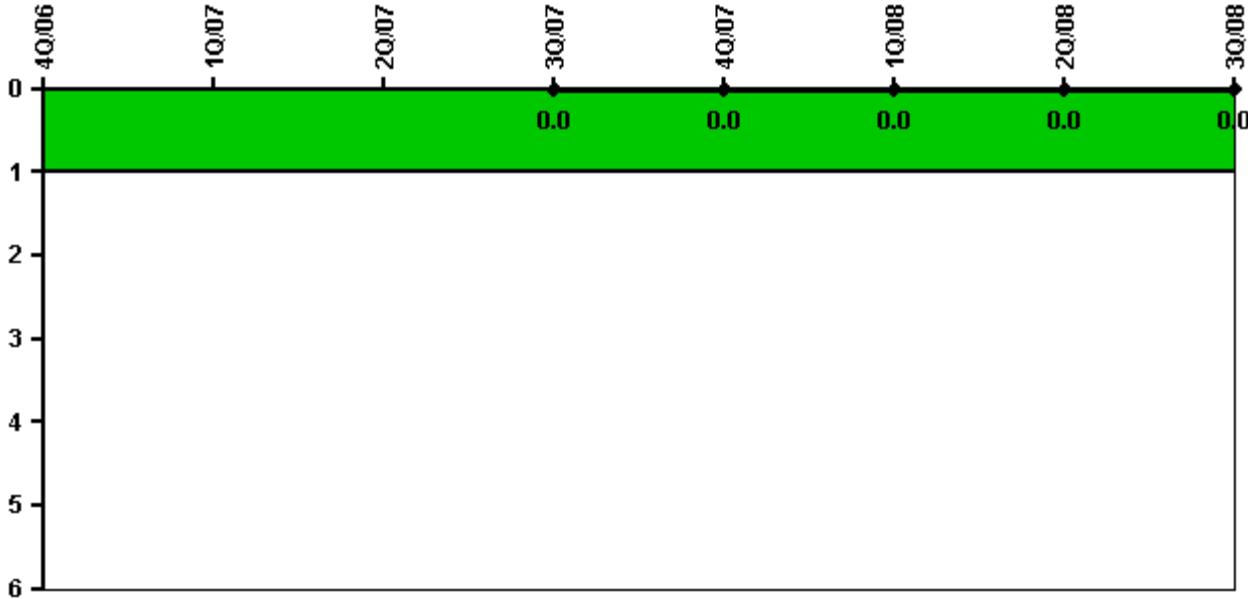
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	1.0	0	0	0	1.0	1.0	0
Critical hours	1332.8	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0
Indicator value	0.9	1.8	1.8	0.9	0.8	0.8	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



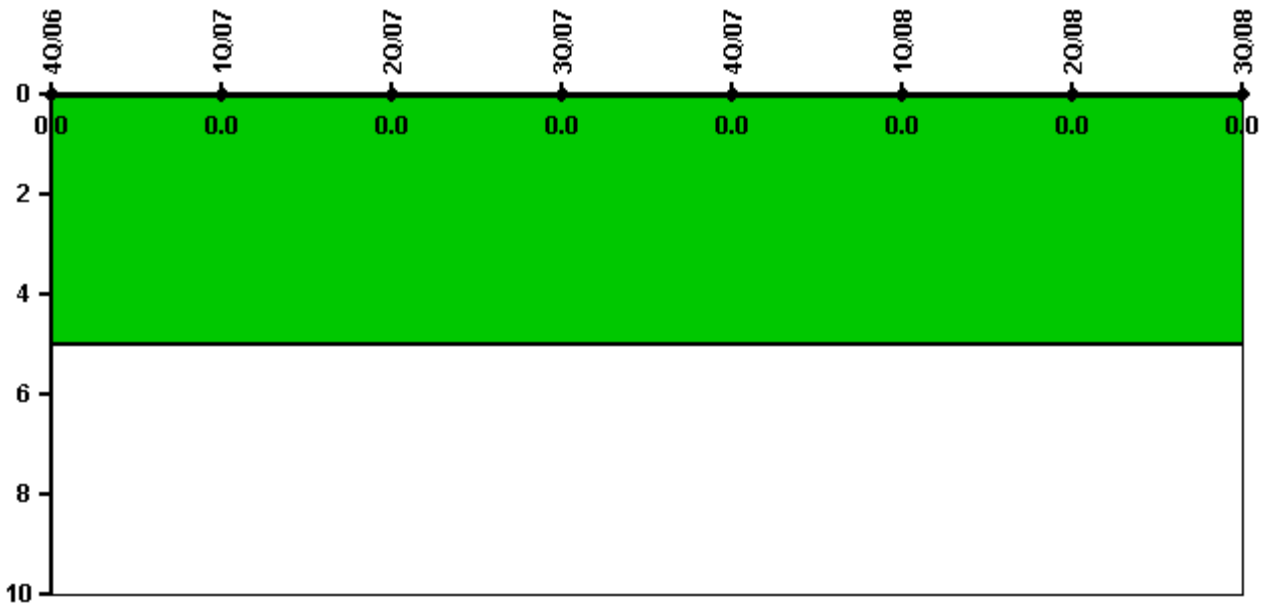
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



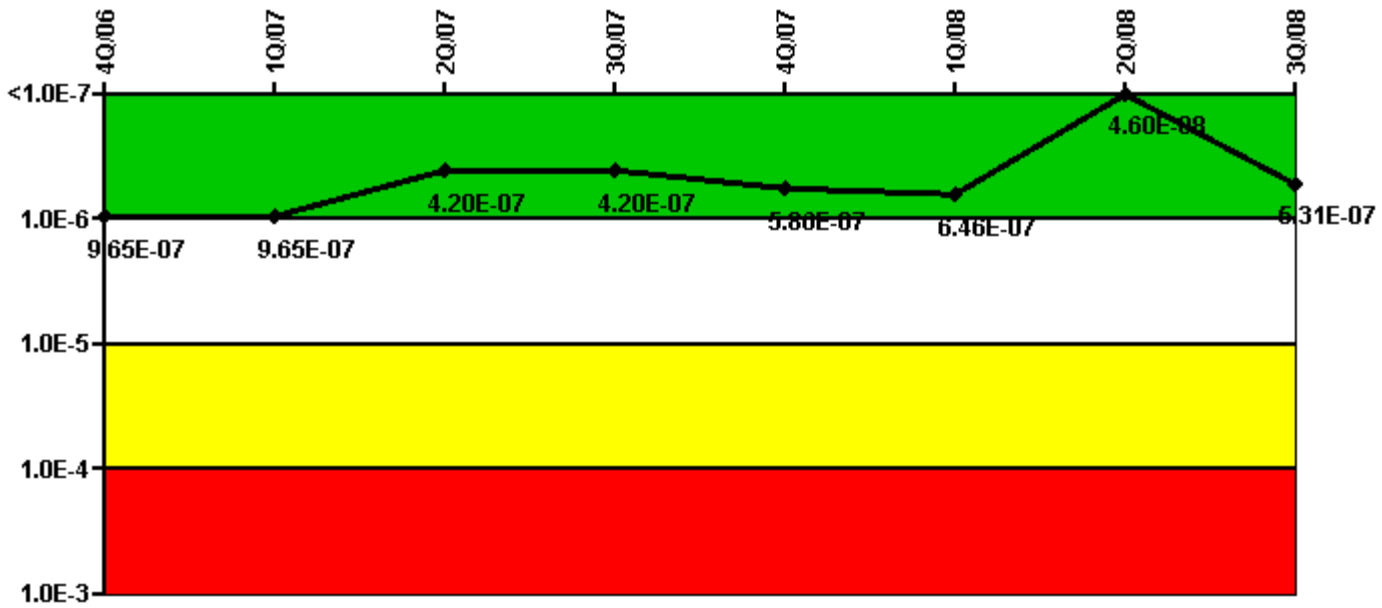
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

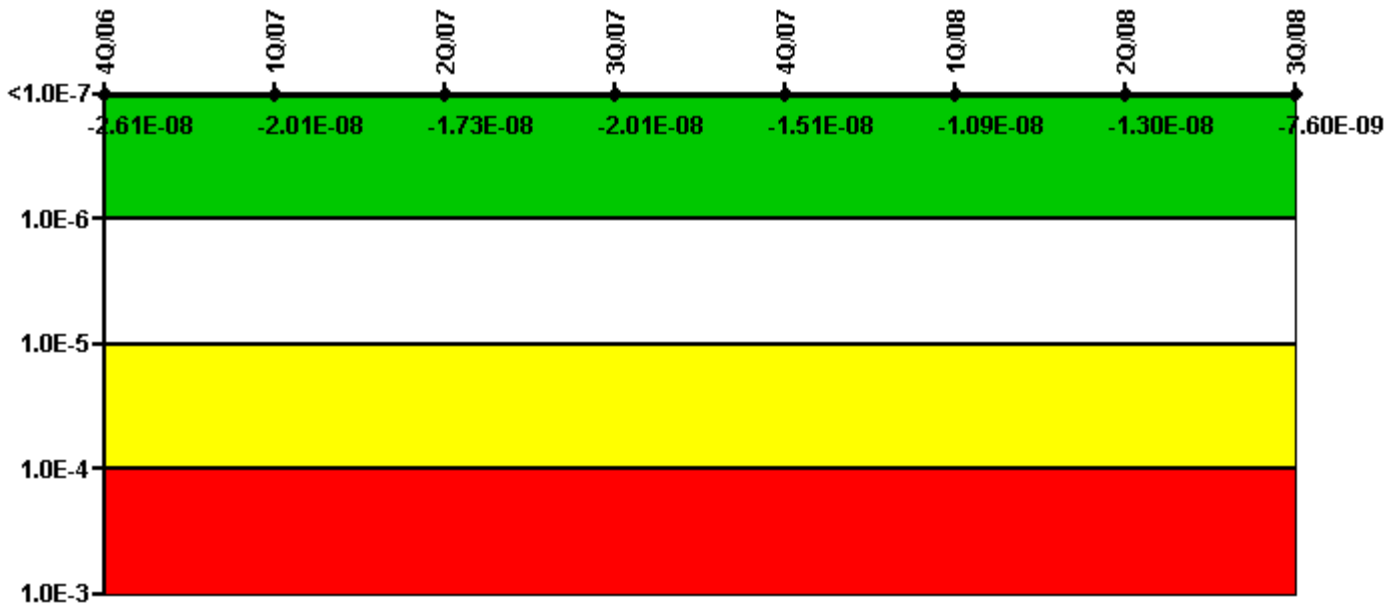
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-3.50E-08	-3.50E-08	-5.00E-08	-5.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-5.90E-08
URI (Δ CDF)	1.00E-06	1.00E-06	4.70E-07	4.70E-07	6.60E-07	7.20E-07	1.20E-07	5.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.65E-07	9.65E-07	4.20E-07	4.20E-07	5.86E-07	6.46E-07	4.60E-08	5.31E-07

Licensee Comments:

3Q/08: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



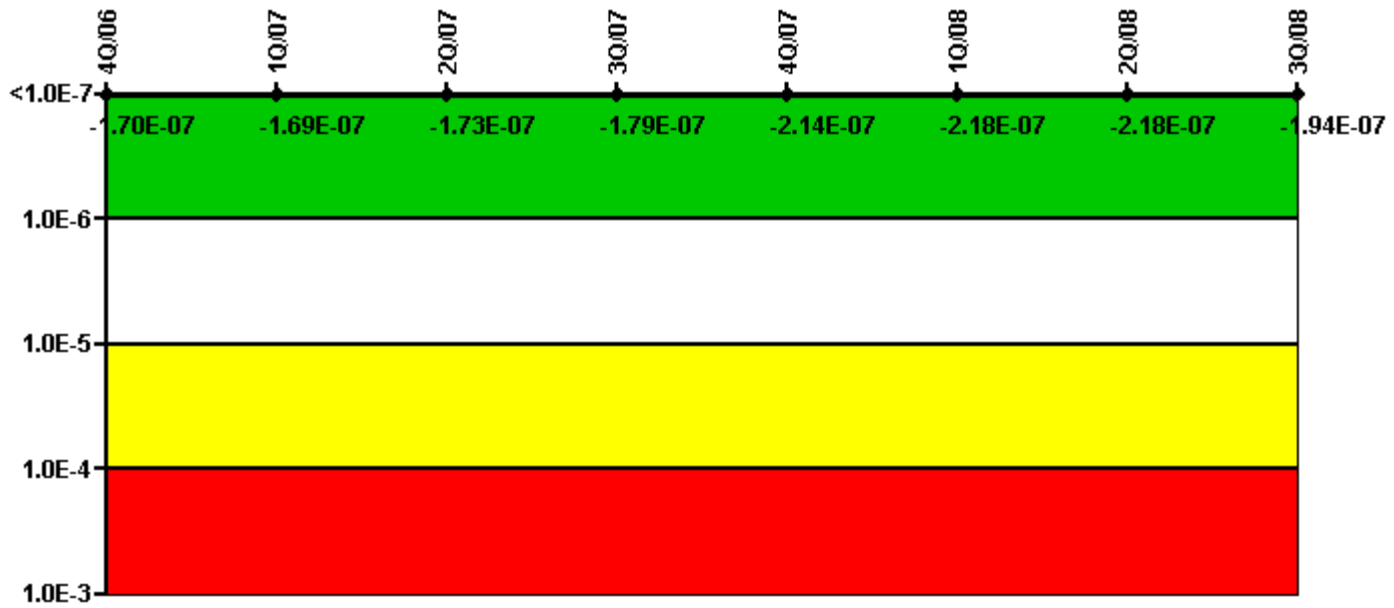
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.80E-08	-1.20E-08	-9.10E-09	-1.20E-08	-6.20E-09	-1.90E-09	-4.20E-09	1.10E-09
URI (Δ CDF)	-8.10E-09	-8.10E-09	-8.20E-09	-8.10E-09	-8.90E-09	-9.00E-09	-8.80E-09	-8.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.61E-08	-2.01E-08	-1.73E-08	-2.01E-08	-1.51E-08	-1.09E-08	-1.30E-08	-7.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



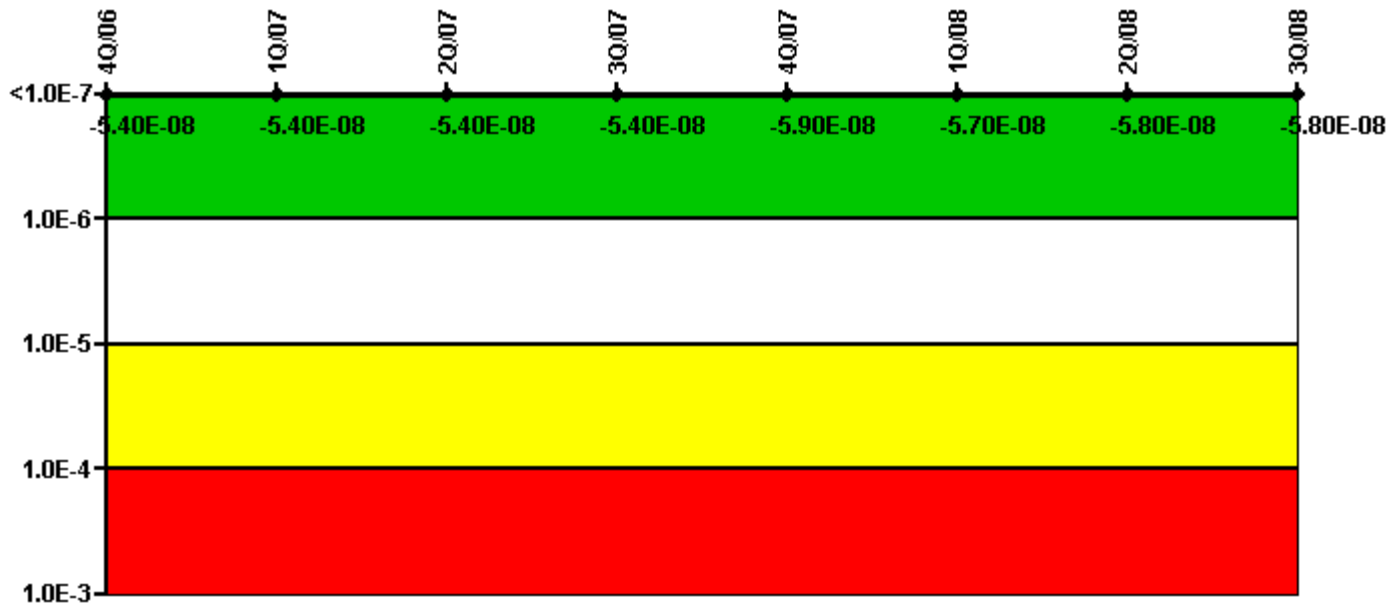
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-4.00E-08	-3.90E-08	-5.30E-08	-5.90E-08	-8.40E-08	-8.80E-08	-8.80E-08	-6.40E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-07	-1.69E-07	-1.73E-07	-1.79E-07	-2.14E-07	-2.18E-07	-2.18E-07	-1.94E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



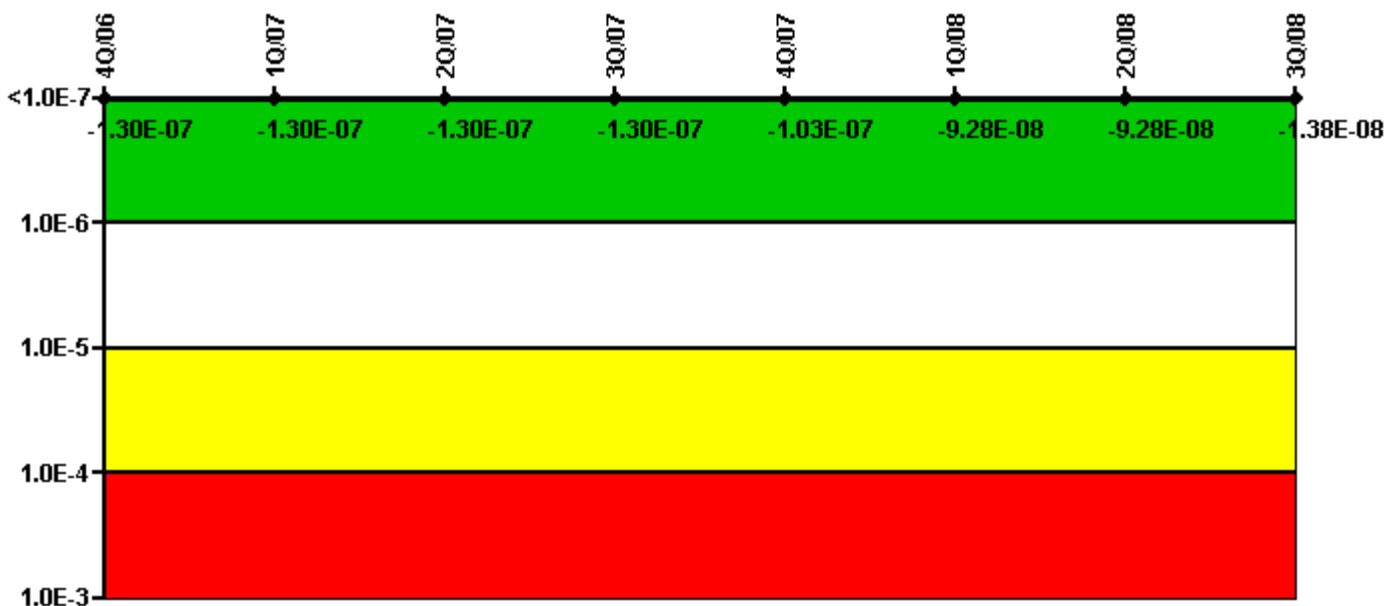
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08	-1.10E-08	-1.10E-08	-1.10E-08
URI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.40E-08	-4.60E-08	-4.70E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.90E-08	-5.70E-08	-5.80E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



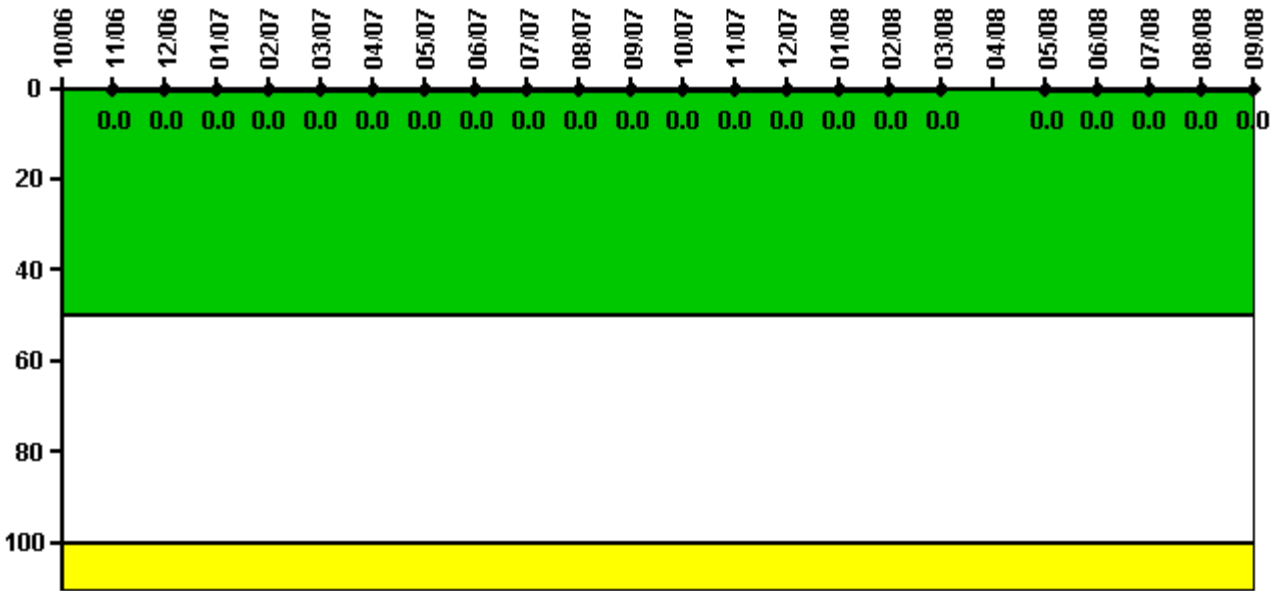
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-3.20E-14	-3.20E-14	-3.20E-14	-3.20E-14	7.10E-09	7.20E-09	7.20E-09	7.20E-09
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.10E-07	-1.00E-07	-1.00E-07	-2.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.03E-07	-9.28E-08	-9.28E-08	-1.38E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

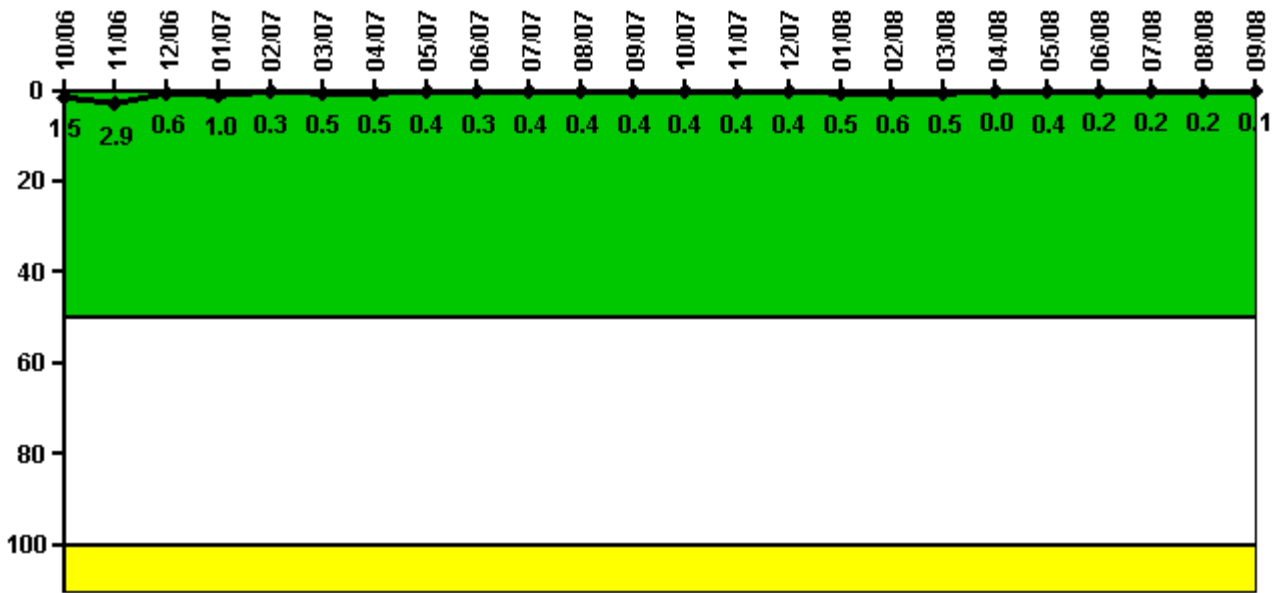
Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	N/A	0.000042	0.000059	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148	N/A	0.000055	0.000057	0.000056	0.000066	0.000061
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

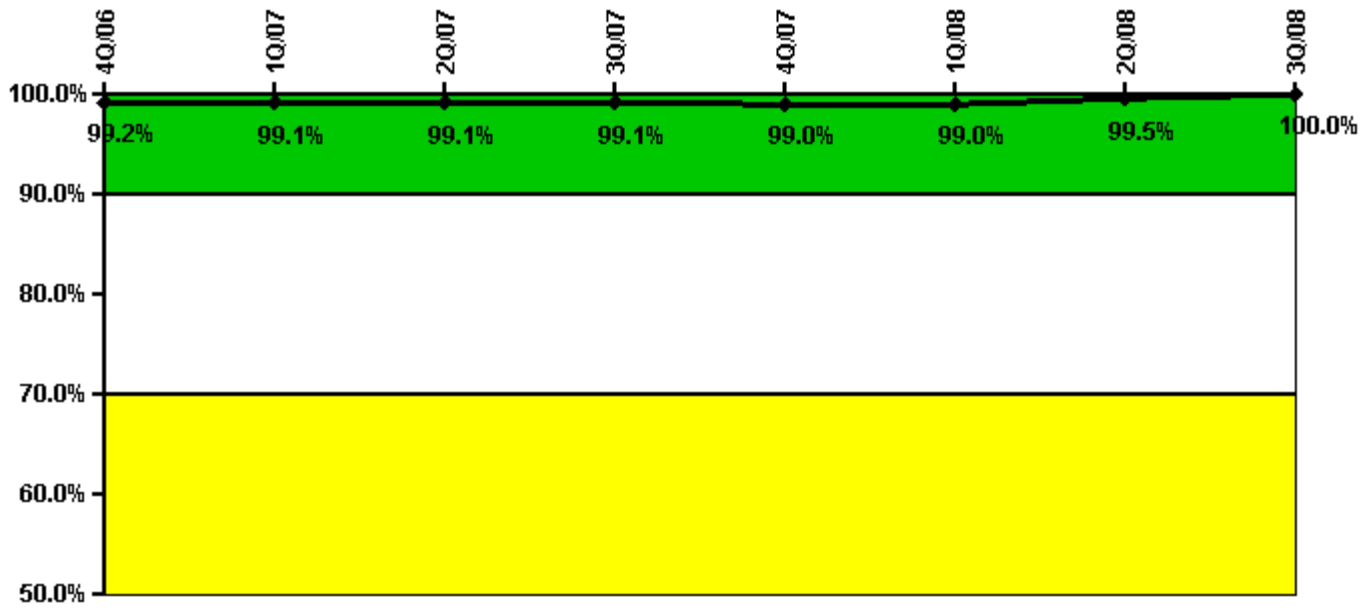
Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.152	0.290	0.060	0.103	0.030	0.045	0.047	0.035	0.034	0.036	0.040	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	2.9	0.6	1.0	0.3	0.5	0.5	0.4	0.3	0.4	0.4	0.4

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.036	0.039	0.039	0.045	0.057	0.053	0	0.039	0.018	0.017	0.015	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.5	0.6	0.5	0	0.4	0.2	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



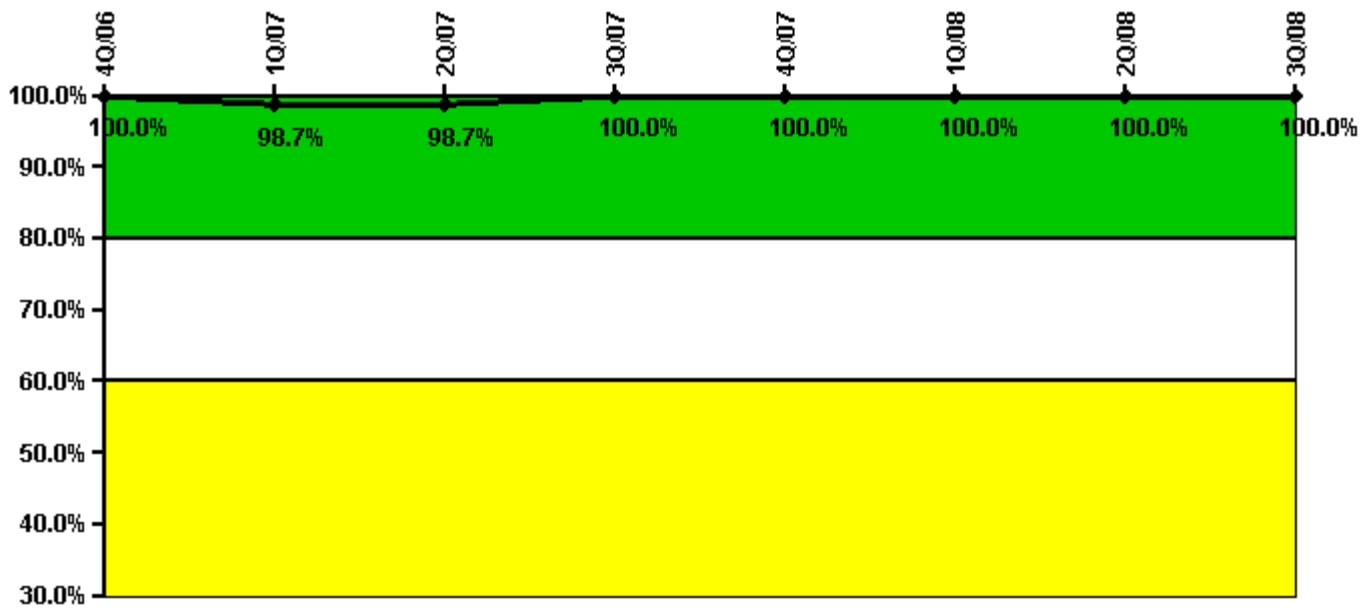
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	32.0	18.0	17.0	29.0	33.0	19.0	16.0	16.0
Total opportunities	32.0	18.0	17.0	29.0	33.0	19.0	16.0	16.0
Indicator value	99.2%	99.1%	99.1%	99.1%	99.0%	99.0%	99.5%	100.0%

Licensee Comments: none

ERO Drill Participation



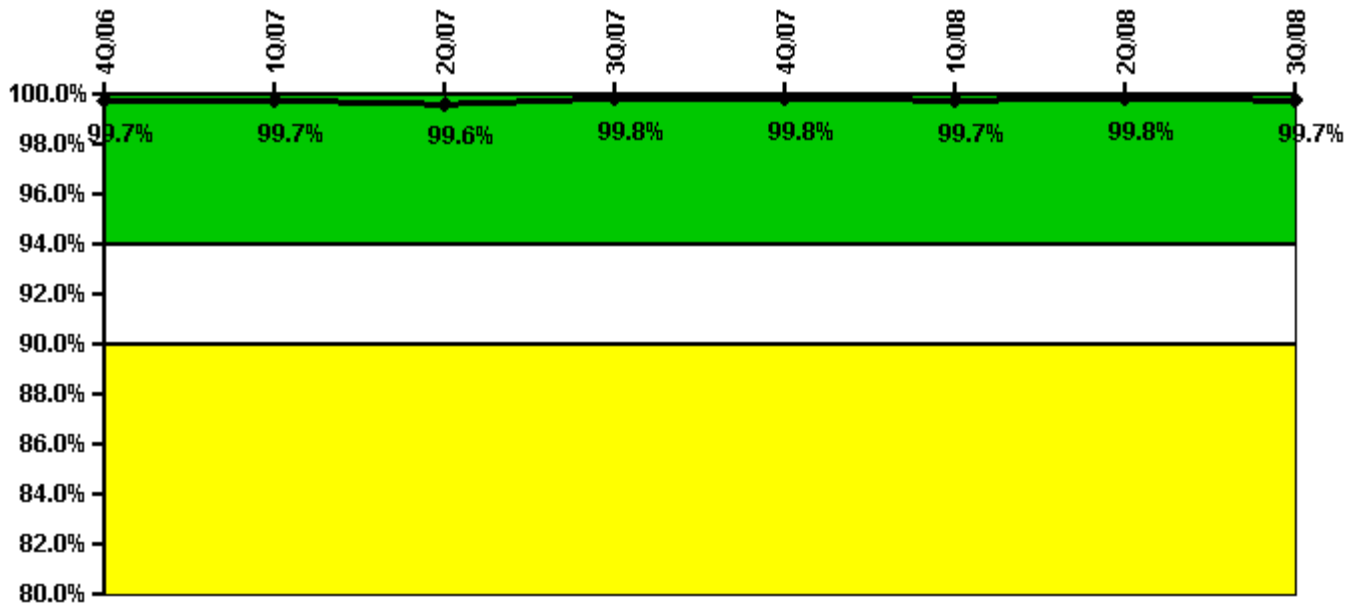
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	81.0	77.0	75.0	89.0	83.0	82.0	81.0	81.0
Total Key personnel	81.0	78.0	76.0	89.0	83.0	82.0	81.0	81.0
Indicator value	100.0%	98.7%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



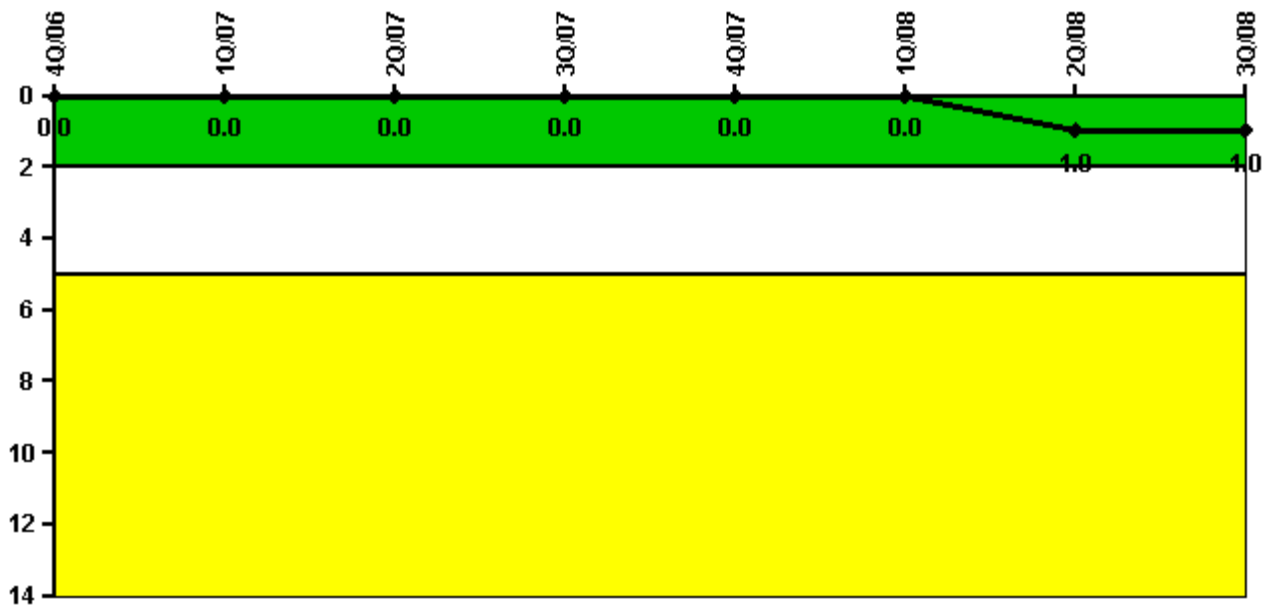
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	725	847	724	845	724	845	725	843
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.7%	99.7%	99.6%	99.8%	99.8%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



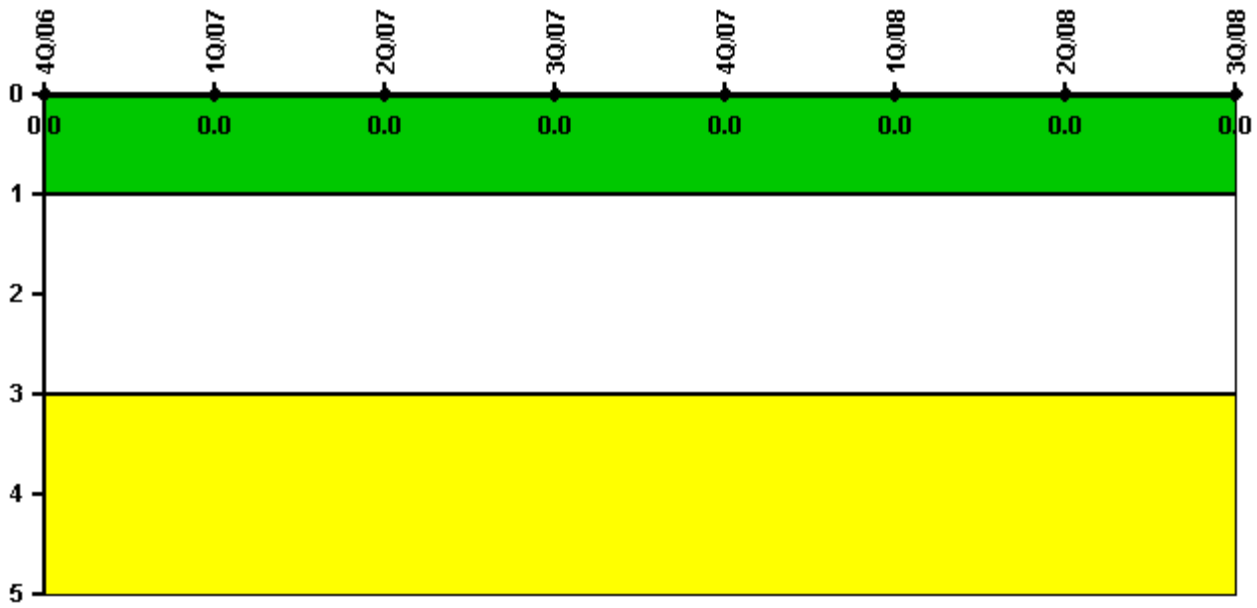
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

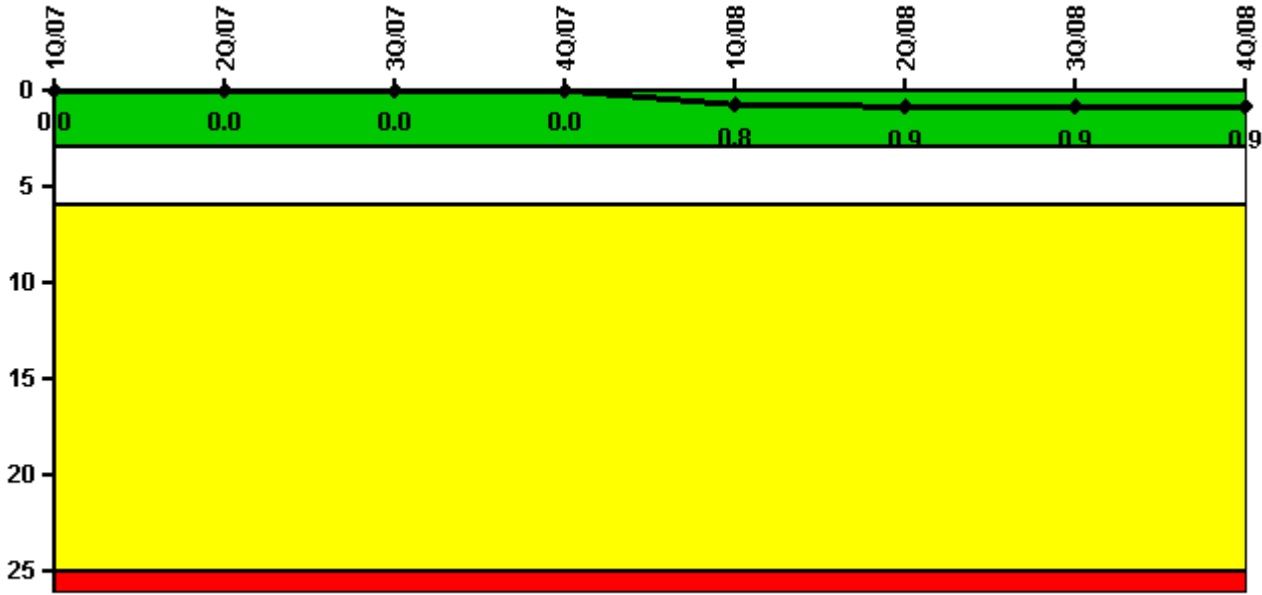
[Security](#) information not publicly available.

Seabrook 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



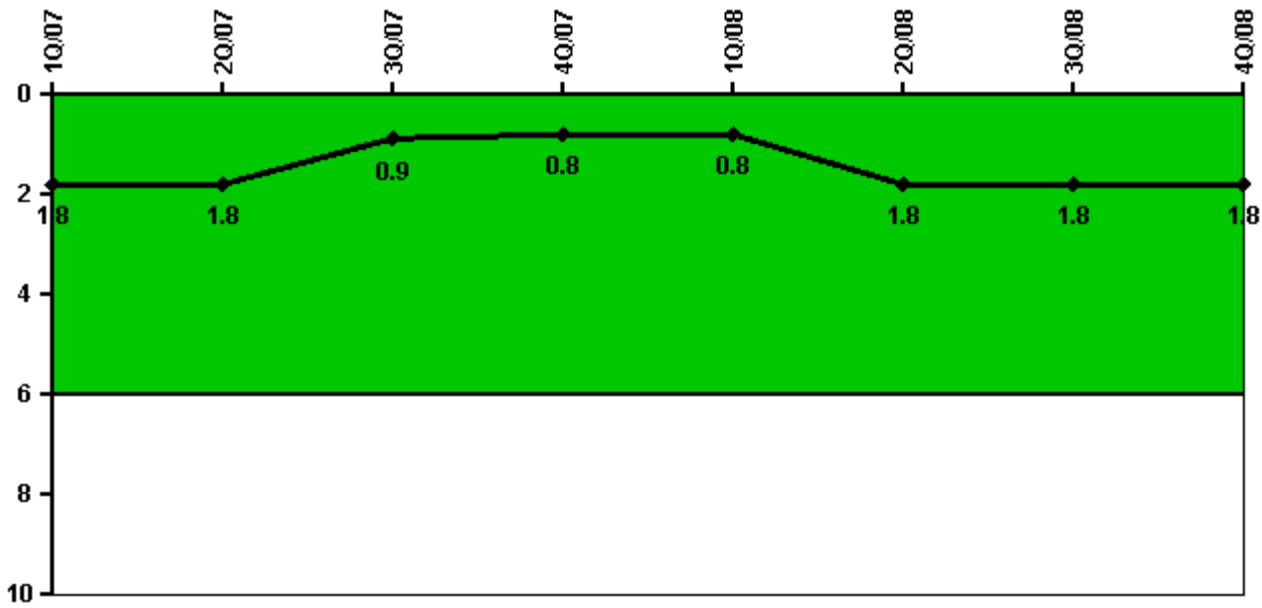
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0
Indicator value	0	0	0	0	0.8	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



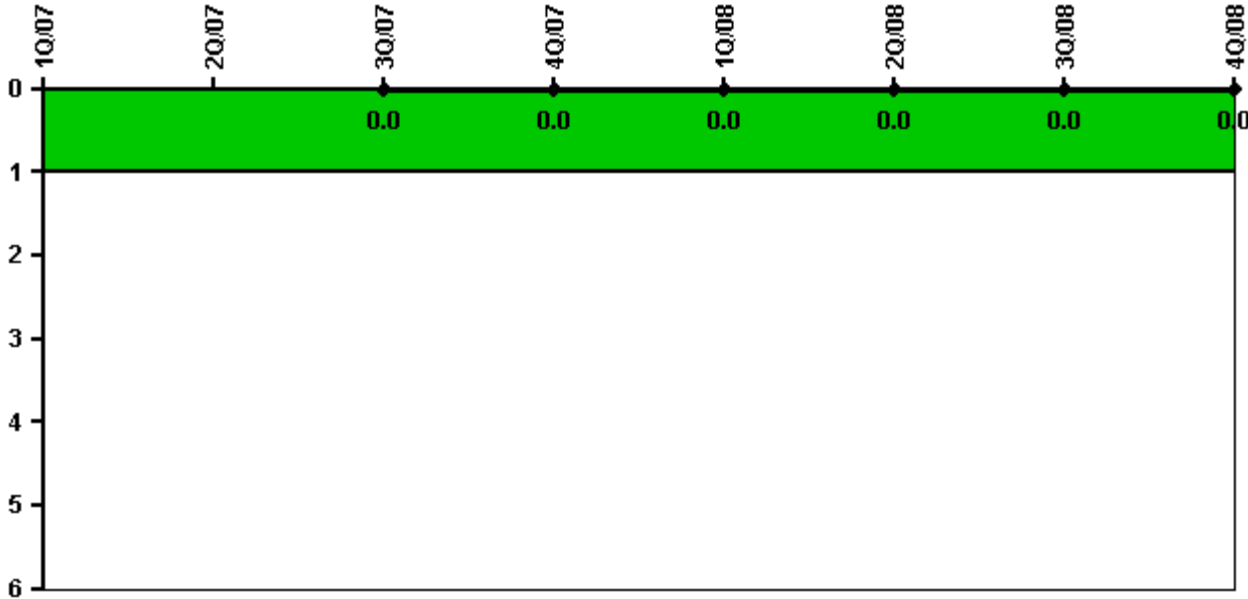
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	1.0	0	0	0	1.0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0
Indicator value	1.8	1.8	0.9	0.8	0.8	1.8	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



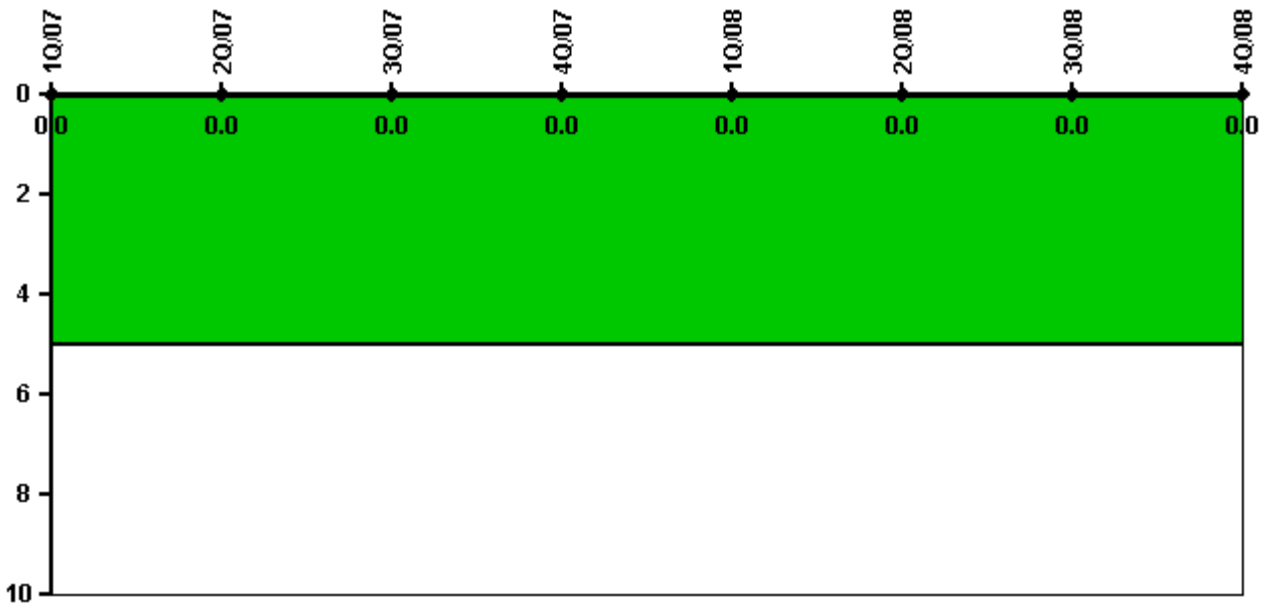
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value			0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



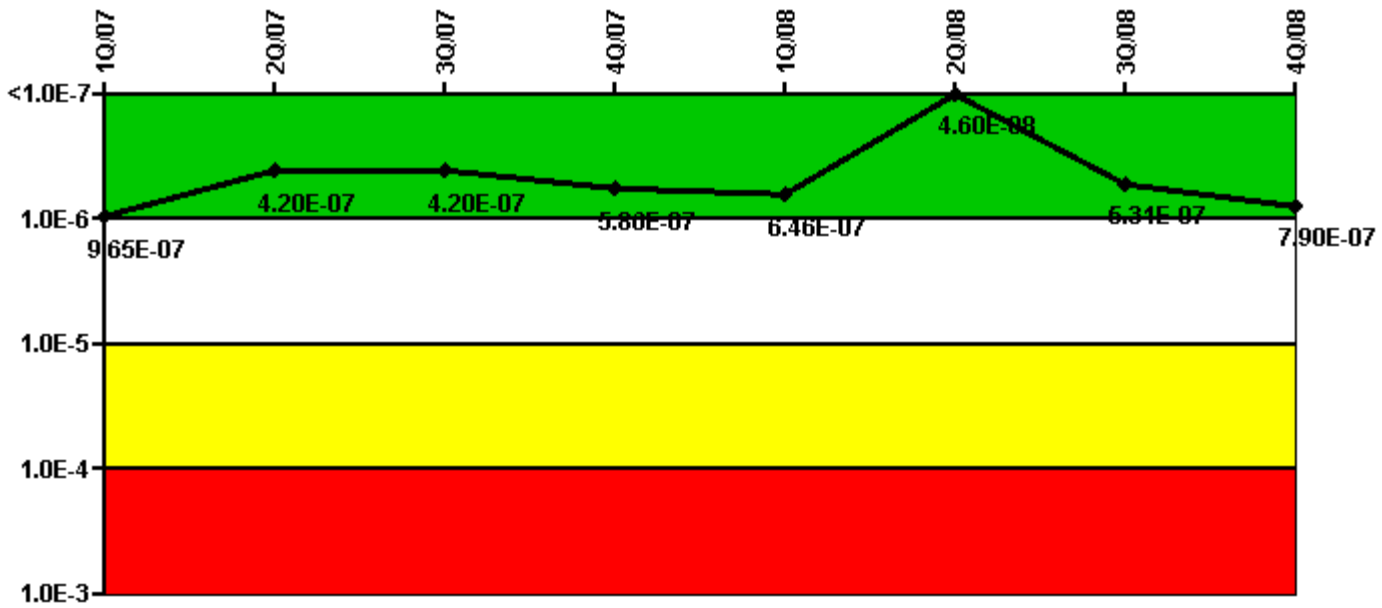
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



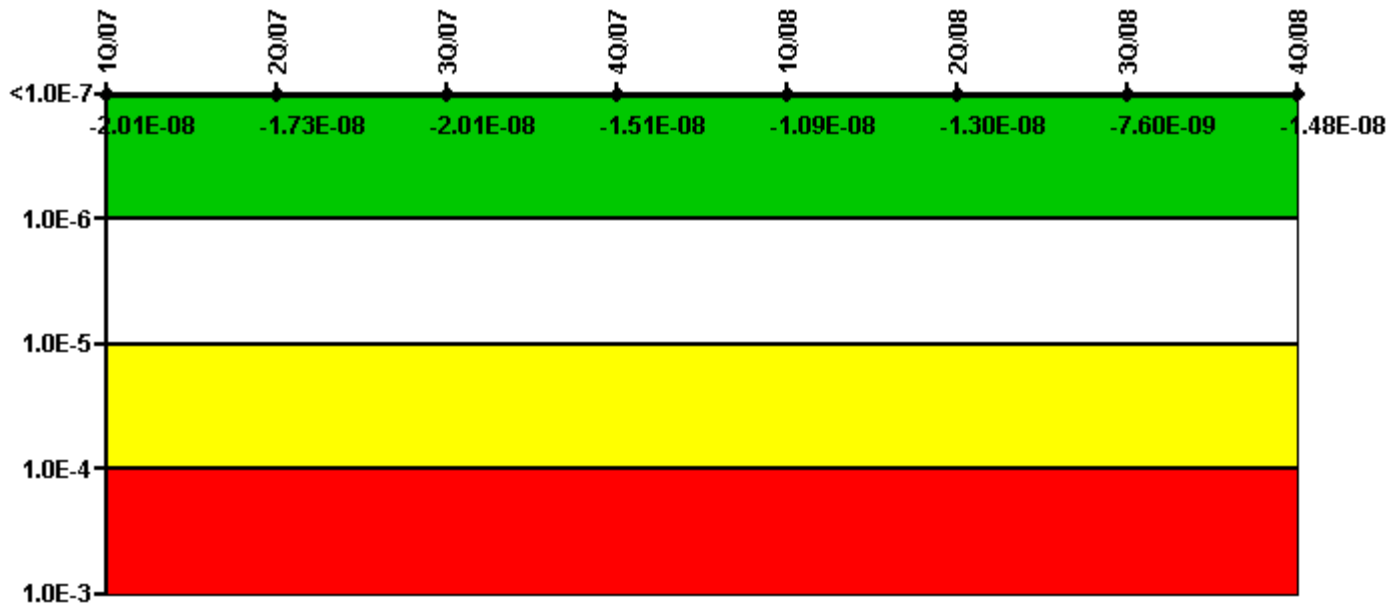
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-3.50E-08	-5.00E-08	-5.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-5.90E-08	-7.00E-08
URI (ΔCDF)	1.00E-06	4.70E-07	4.70E-07	6.60E-07	7.20E-07	1.20E-07	5.90E-07	8.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.65E-07	4.20E-07	4.20E-07	5.86E-07	6.46E-07	4.60E-08	5.31E-07	7.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



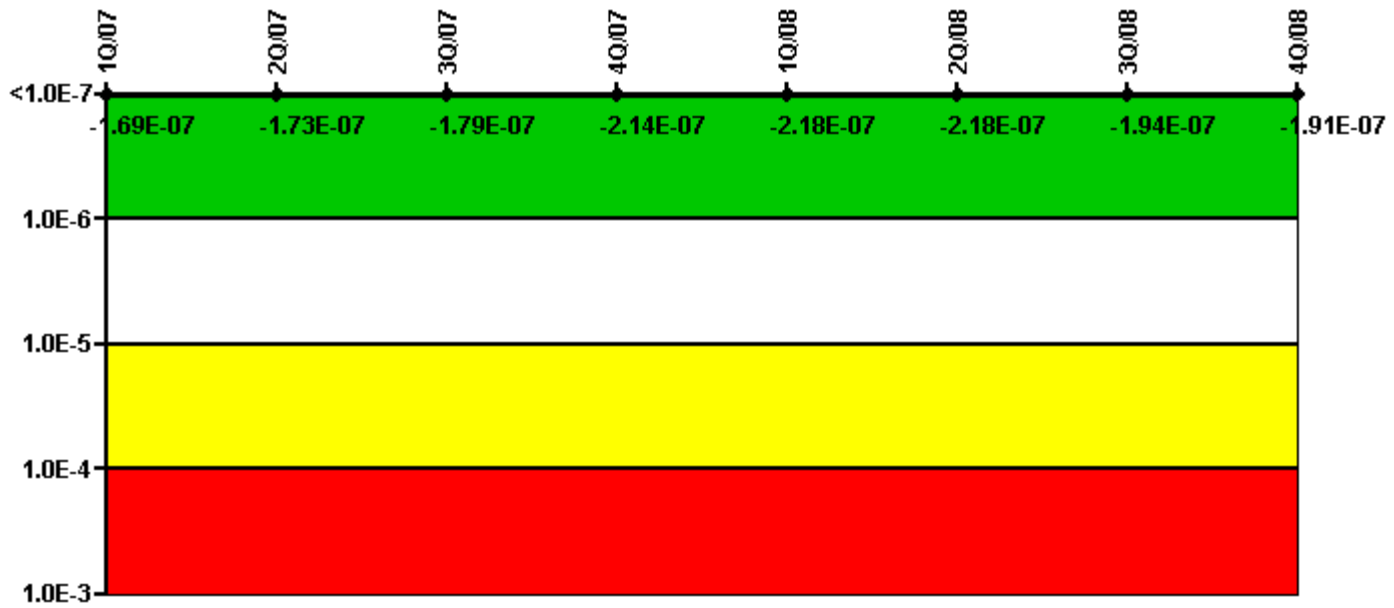
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-1.20E-08	-9.10E-09	-1.20E-08	-6.20E-09	-1.90E-09	-4.20E-09	1.10E-09	-6.00E-09
URI (Δ CDF)	-8.10E-09	-8.20E-09	-8.10E-09	-8.90E-09	-9.00E-09	-8.80E-09	-8.70E-09	-8.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.01E-08	-1.73E-08	-2.01E-08	-1.51E-08	-1.09E-08	-1.30E-08	-7.60E-09	-1.48E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



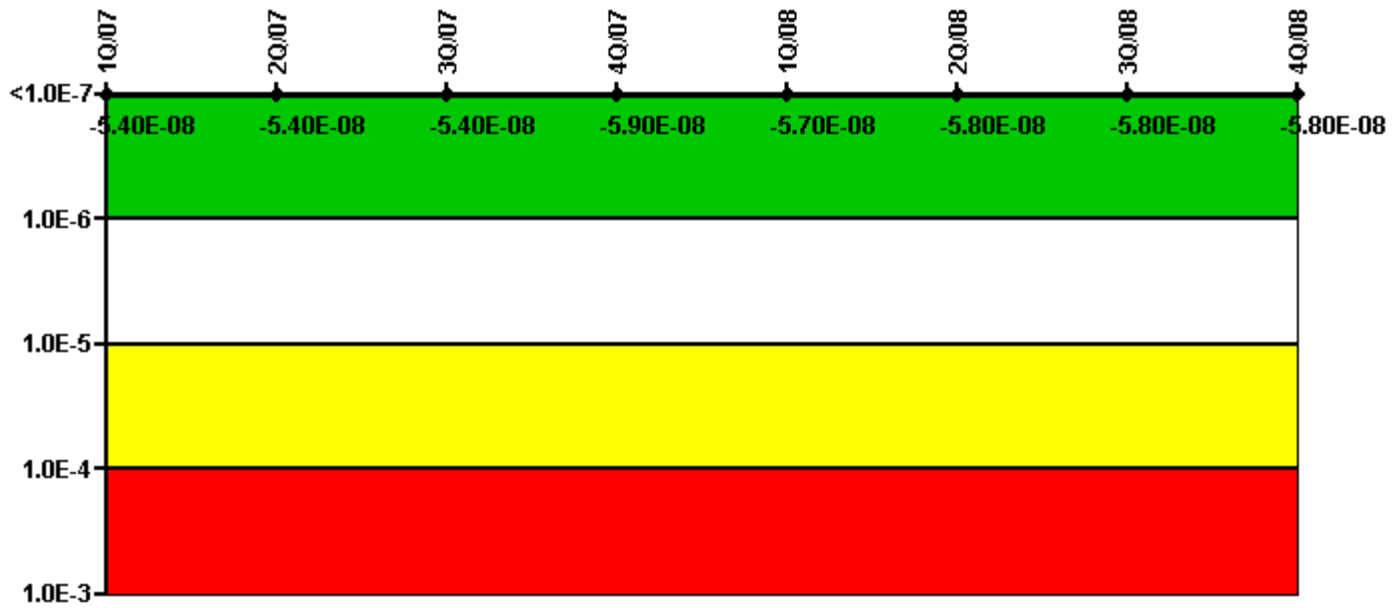
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-3.90E-08	-5.30E-08	-5.90E-08	-8.40E-08	-8.80E-08	-8.80E-08	-6.40E-08	-6.10E-08
URI (Δ CDF)	-1.30E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.69E-07	-1.73E-07	-1.79E-07	-2.14E-07	-2.18E-07	-2.18E-07	-1.94E-07	-1.91E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



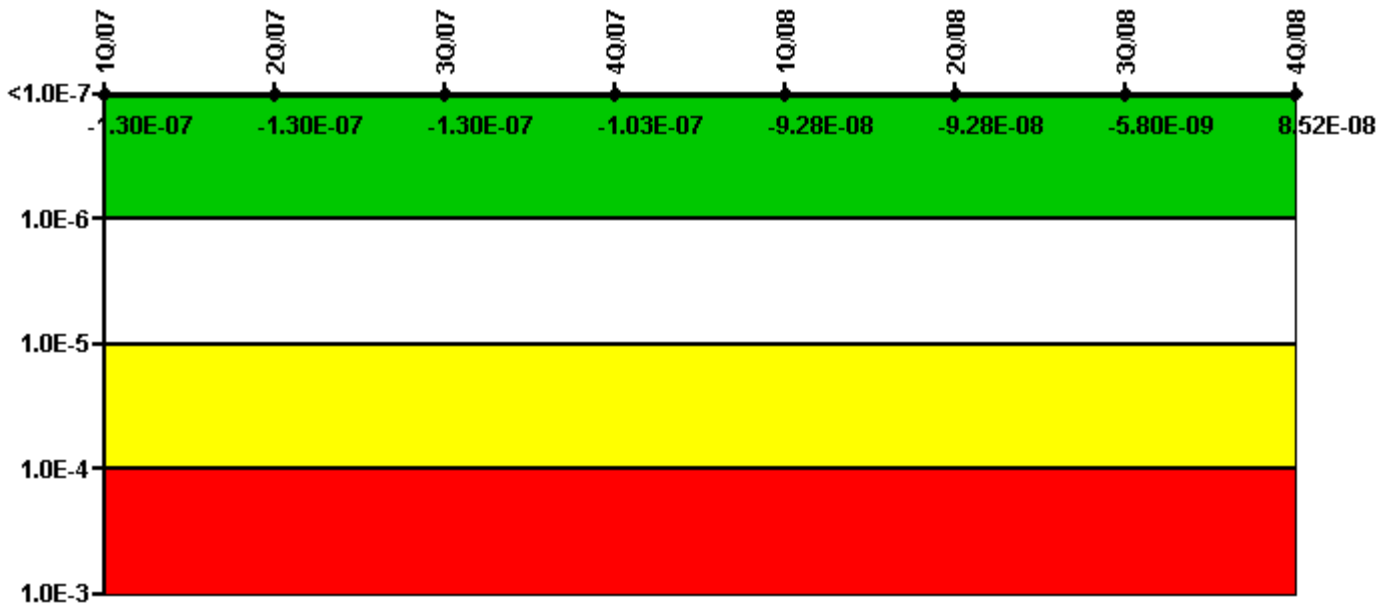
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08
URI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-4.40E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.40E-08	-5.40E-08	-5.90E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

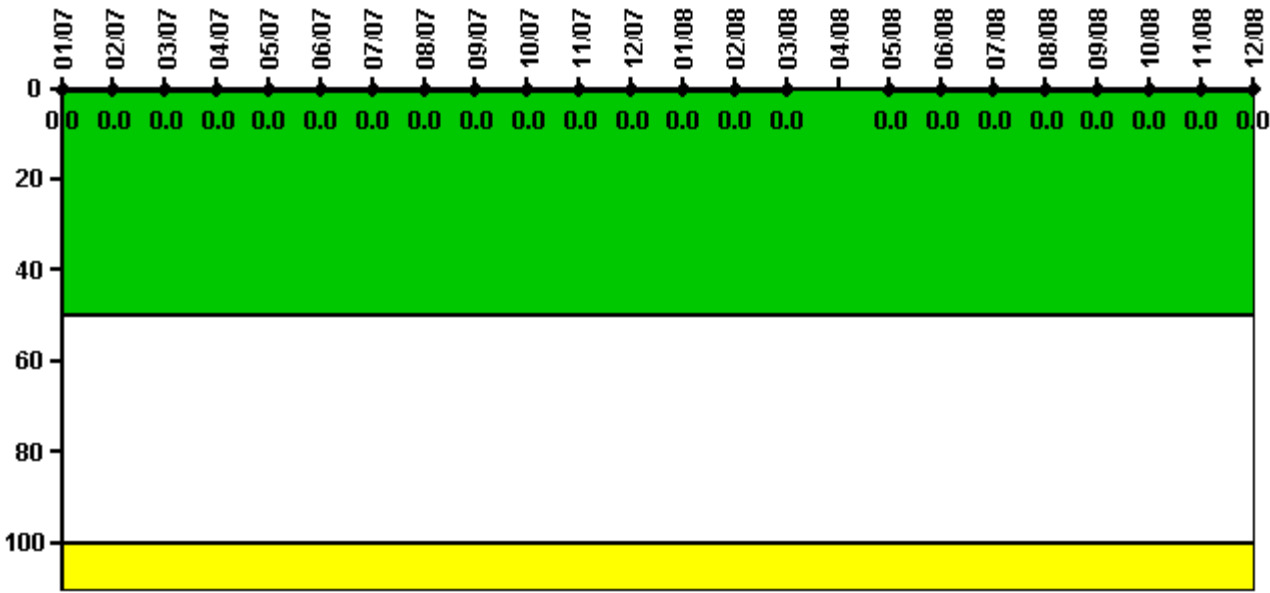
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-3.20E-14	-3.20E-14	-3.20E-14	7.10E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.10E-07	-1.00E-07	-1.00E-07	-1.30E-08	7.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.03E-07	-9.28E-08	-9.28E-08	-5.80E-09	8.52E-08

Licensee Comments:

3Q/08: Change file for determination of July 2008 failure after 3rd quarter data was submitted.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

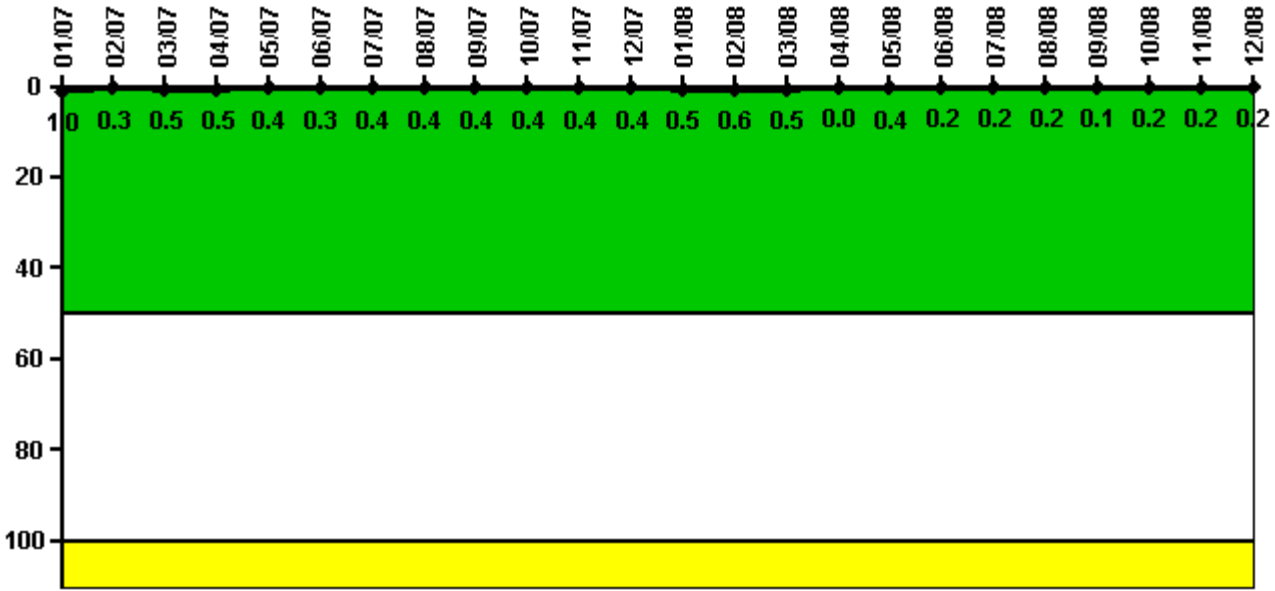
Notes

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000058	0.000077	0.000070	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000120	0.000102	0.000148	N/A	0.000055	0.000057	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



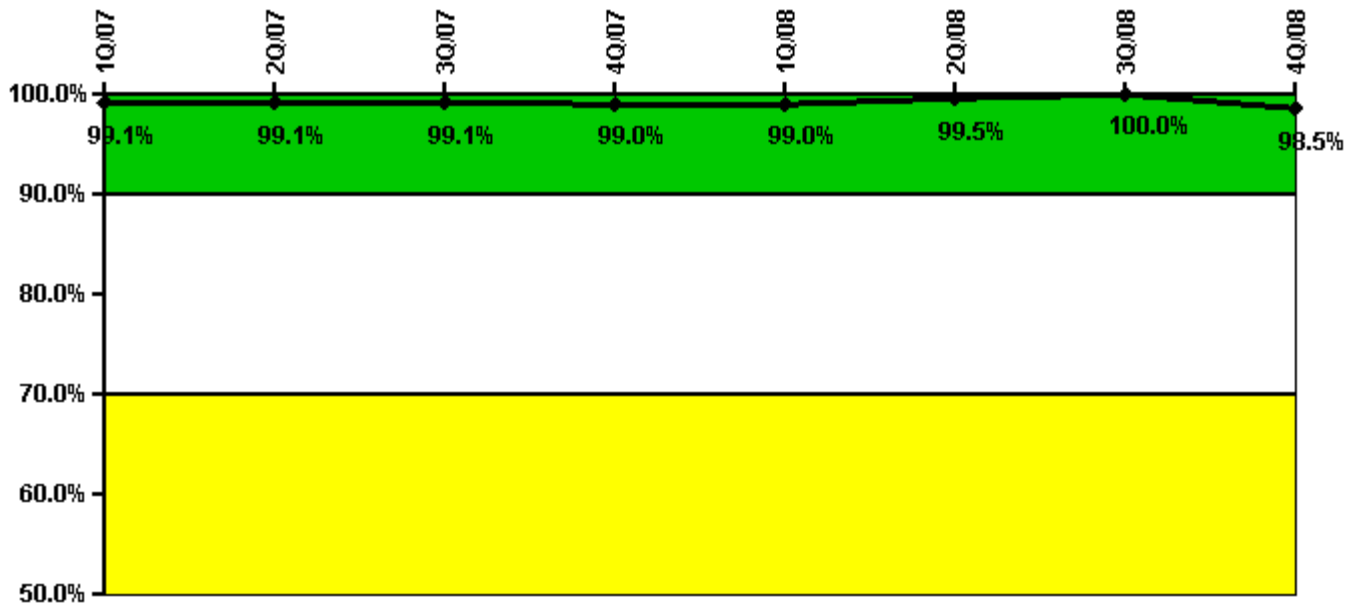
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.103	0.030	0.045	0.047	0.035	0.034	0.036	0.040	0.035	0.036	0.039	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.3	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.045	0.057	0.053	0	0.039	0.018	0.017	0.015	0.013	0.015	0.017	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.5	0	0.4	0.2	0.2	0.2	0.1	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



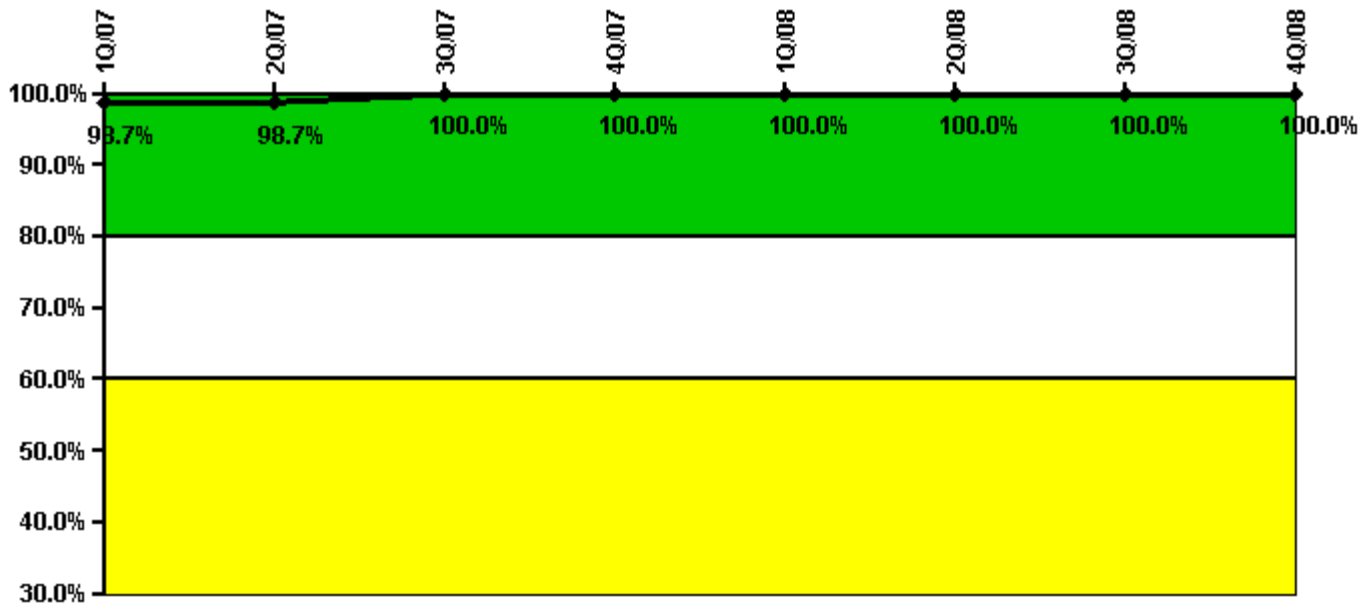
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	18.0	17.0	29.0	33.0	19.0	16.0	16.0	46.0
Total opportunities	18.0	17.0	29.0	33.0	19.0	16.0	16.0	49.0
Indicator value	99.1%	99.1%	99.1%	99.0%	99.0%	99.5%	100.0%	98.5%

Licensee Comments: none

ERO Drill Participation



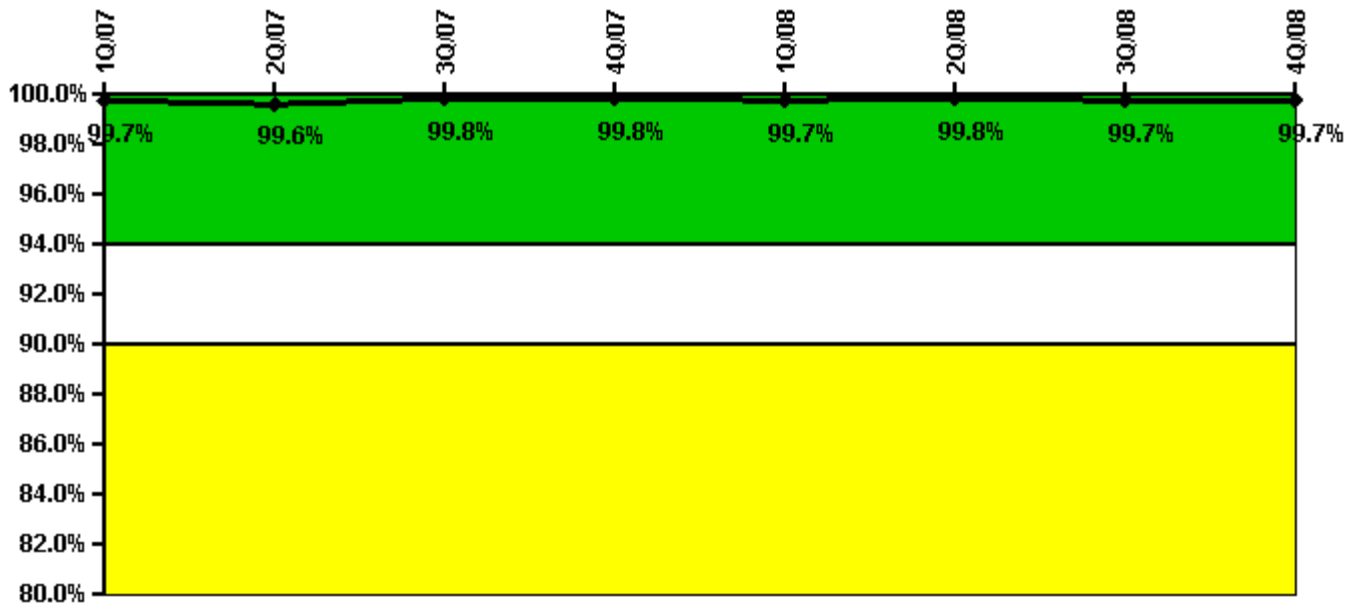
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	77.0	75.0	89.0	83.0	82.0	81.0	81.0	83.0
Total Key personnel	78.0	76.0	89.0	83.0	82.0	81.0	81.0	83.0
Indicator value	98.7%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



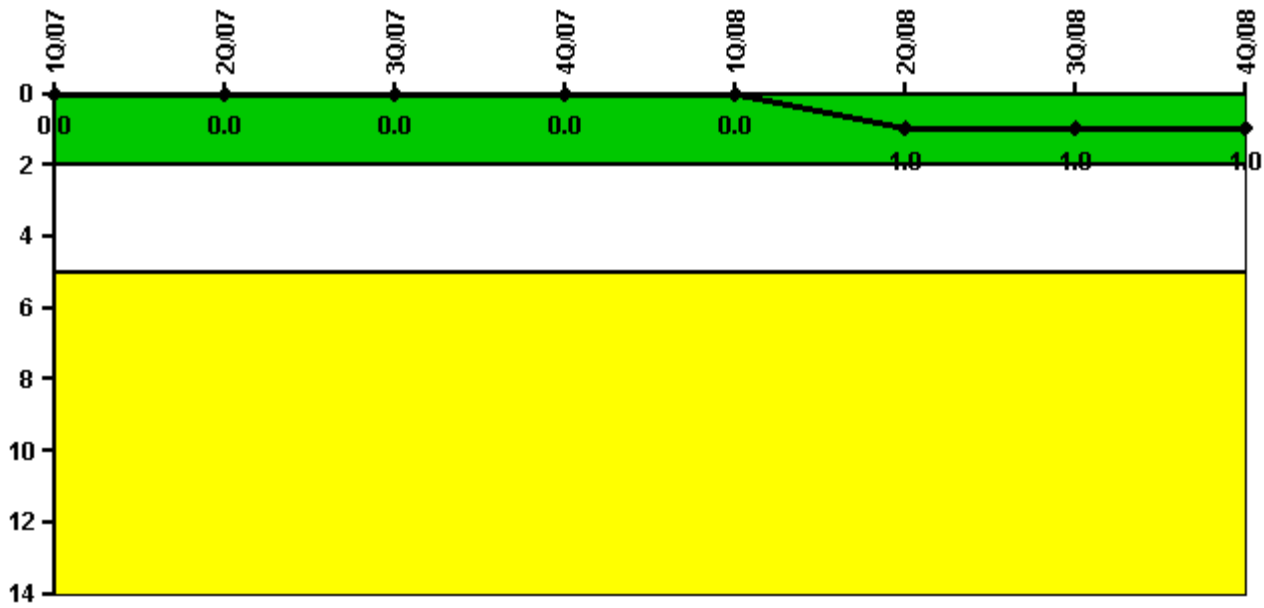
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	847	724	845	724	845	725	843	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.7%	99.6%	99.8%	99.8%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



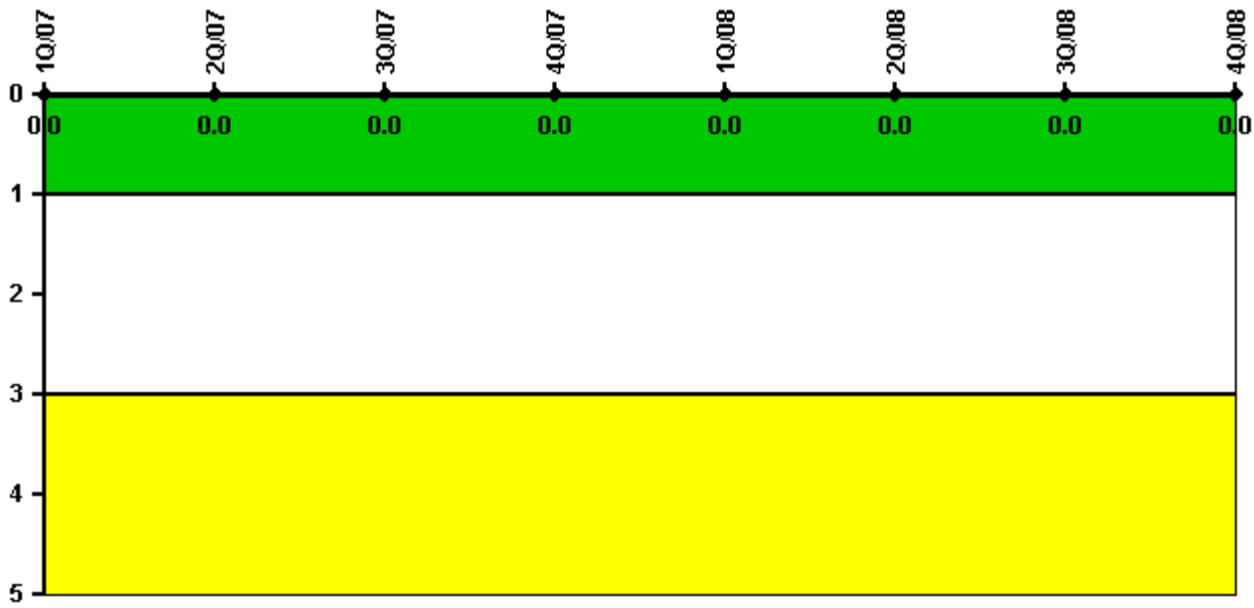
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
High radiation area occurrences	0	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

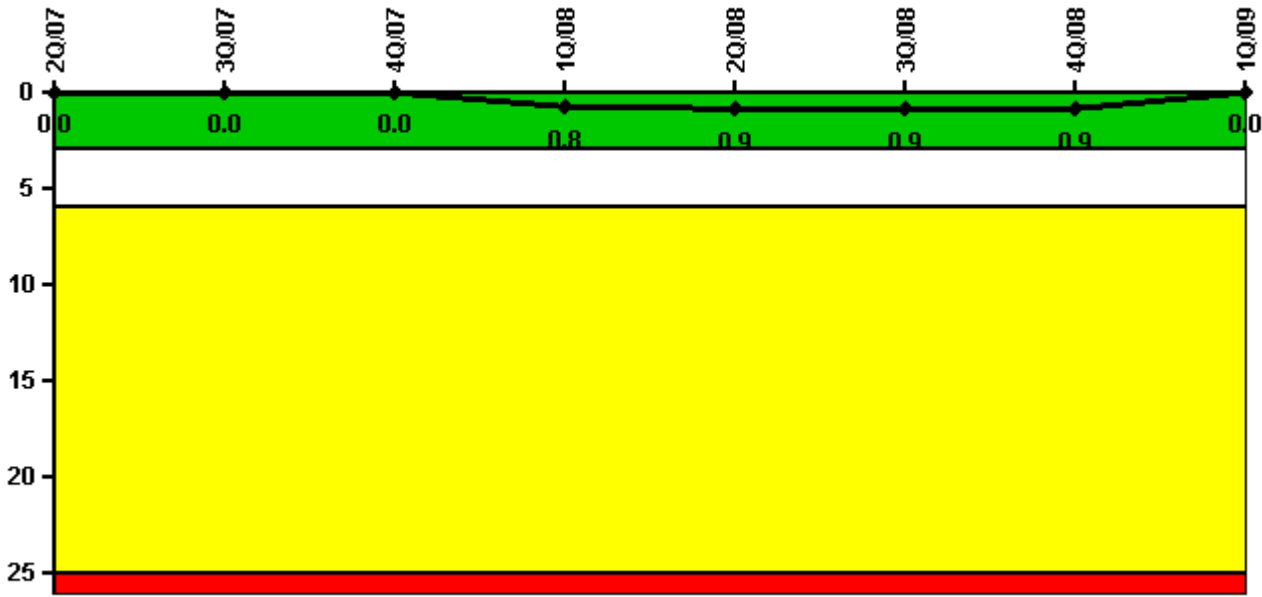
[Security](#) information not publicly available.

Seabrook 1

1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



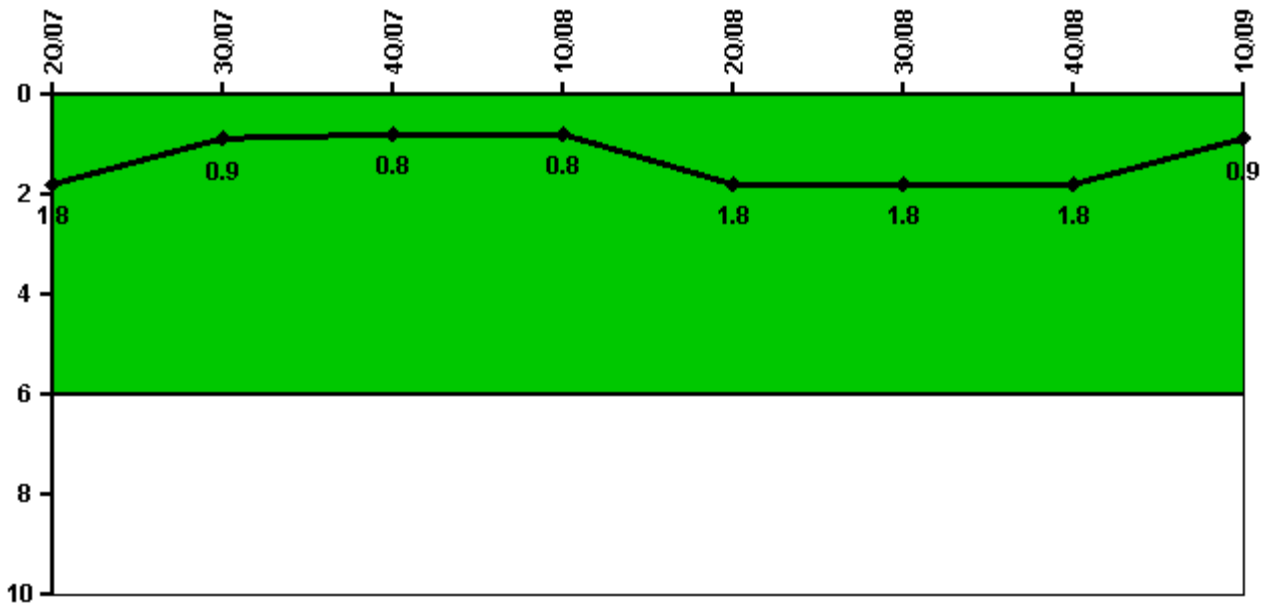
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0
Indicator value	0	0	0	0.8	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



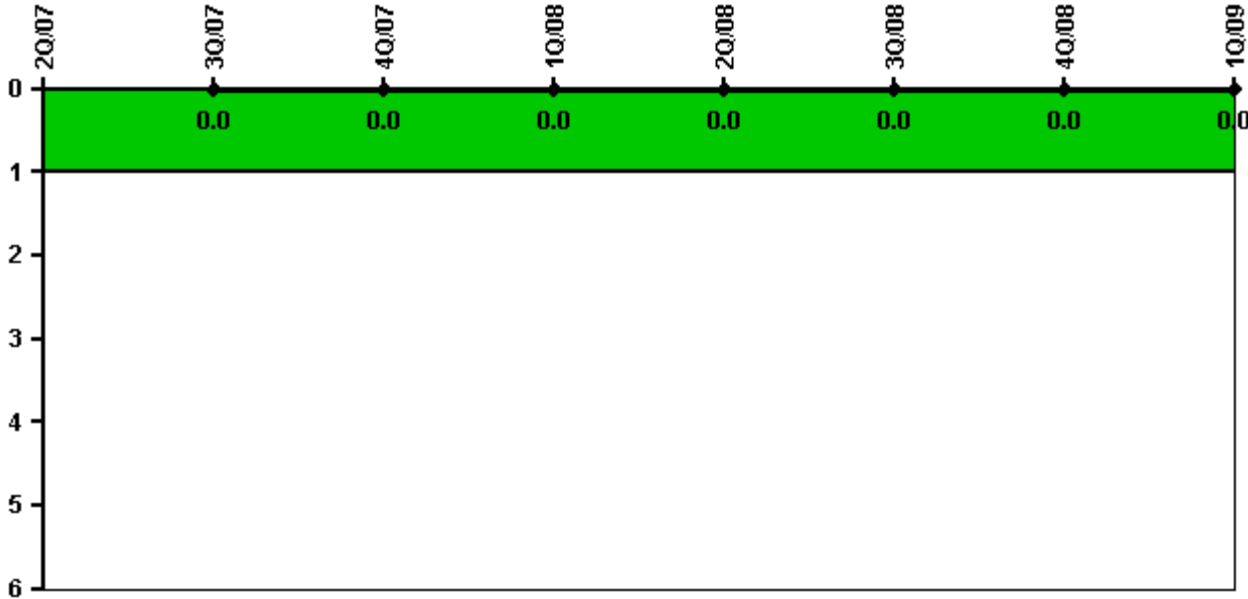
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0
Indicator value	1.8	0.9	0.8	0.8	1.8	1.8	1.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



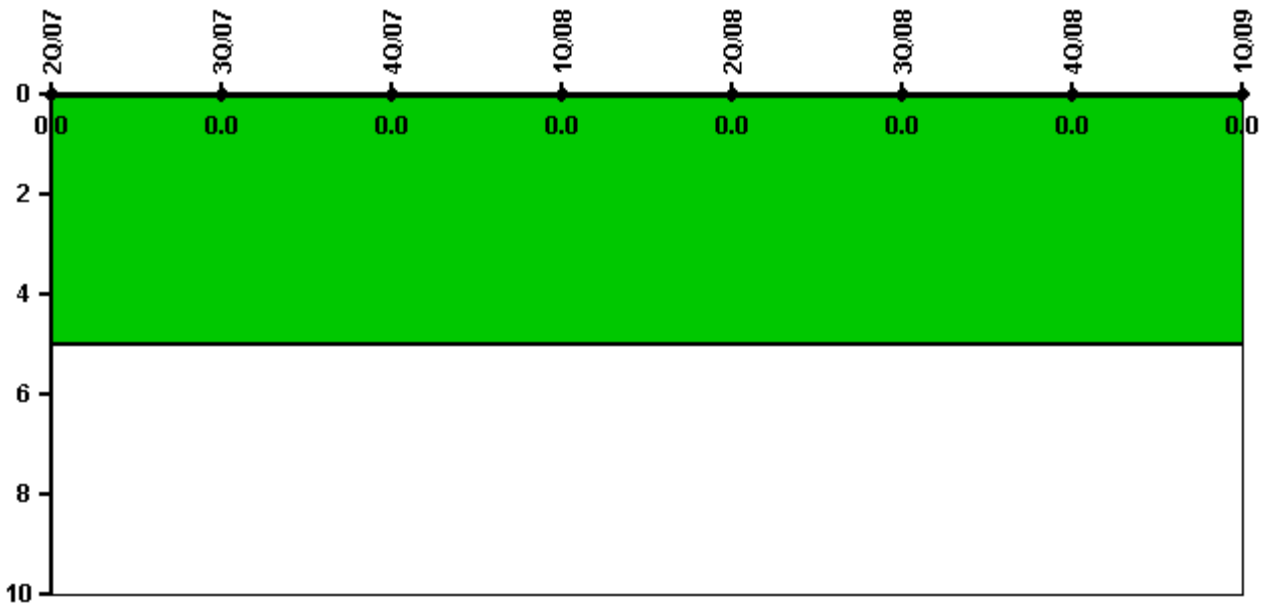
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



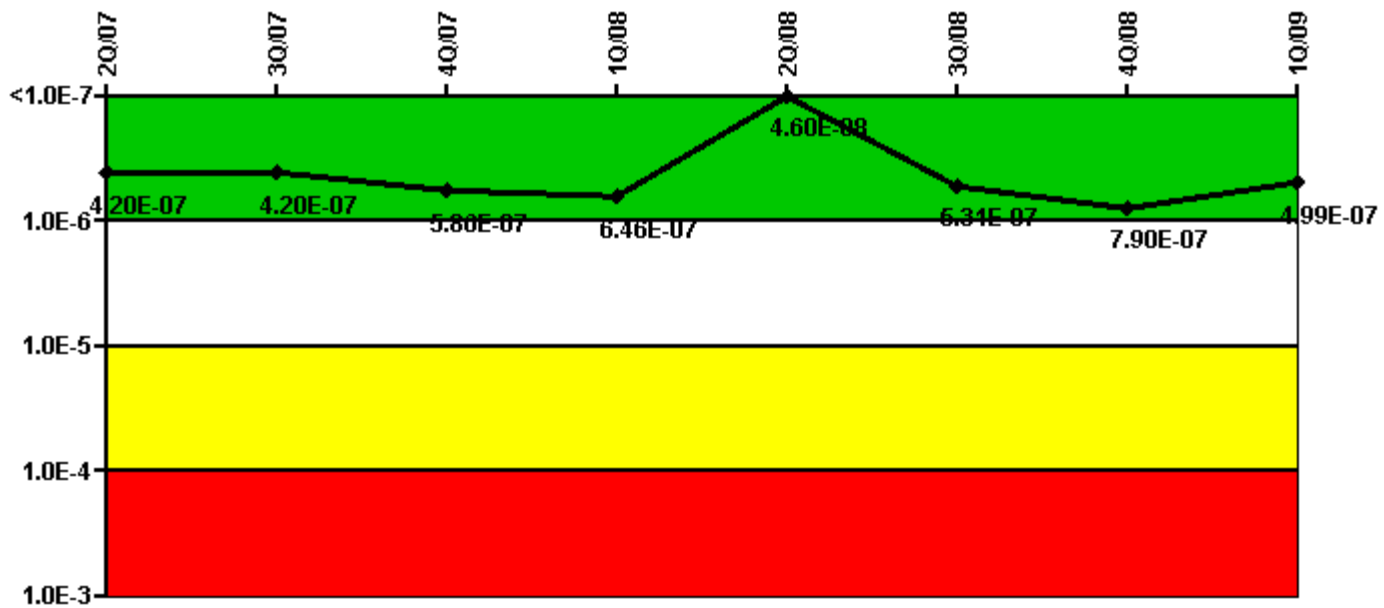
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

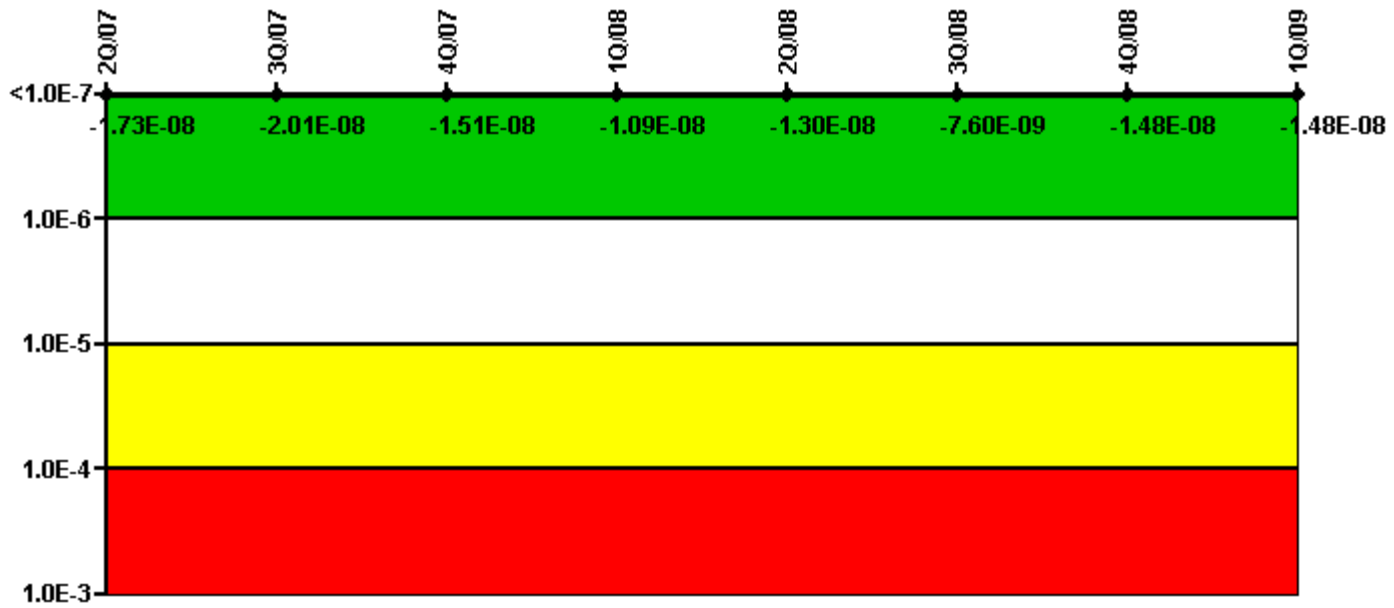
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-5.00E-08	-5.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-5.90E-08	-7.00E-08	9.00E-09
URI (ΔCDF)	4.70E-07	4.70E-07	6.60E-07	7.20E-07	1.20E-07	5.90E-07	8.60E-07	4.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.20E-07	4.20E-07	5.86E-07	6.46E-07	4.60E-08	5.31E-07	7.90E-07	4.99E-07

Licensee Comments:

1Q/09: Changed PRA Parameter(s). Implemented change to EDG mission time in accordance with approved FAQ 462.

Mitigating Systems Performance Index, High Pressure Injection System



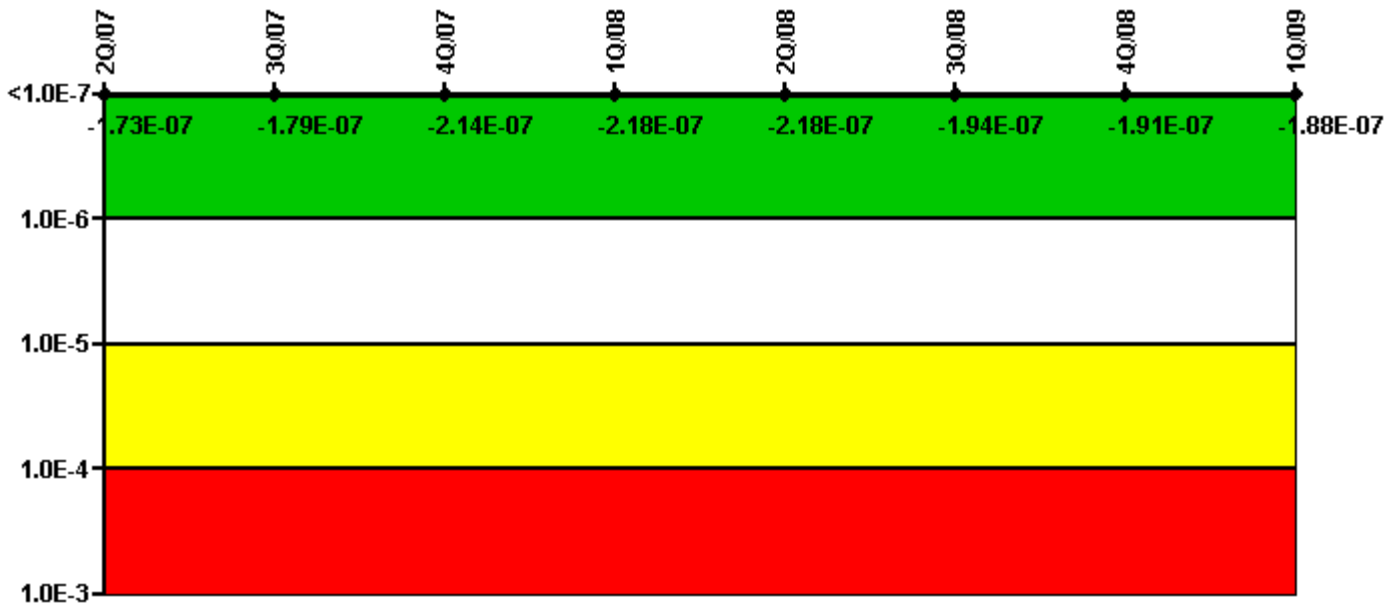
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-9.10E-09	-1.20E-08	-6.20E-09	-1.90E-09	-4.20E-09	1.10E-09	-6.00E-09	-6.00E-09
URI (Δ CDF)	-8.20E-09	-8.10E-09	-8.90E-09	-9.00E-09	-8.80E-09	-8.70E-09	-8.80E-09	-8.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.73E-08	-2.01E-08	-1.51E-08	-1.09E-08	-1.30E-08	-7.60E-09	-1.48E-08	-1.48E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



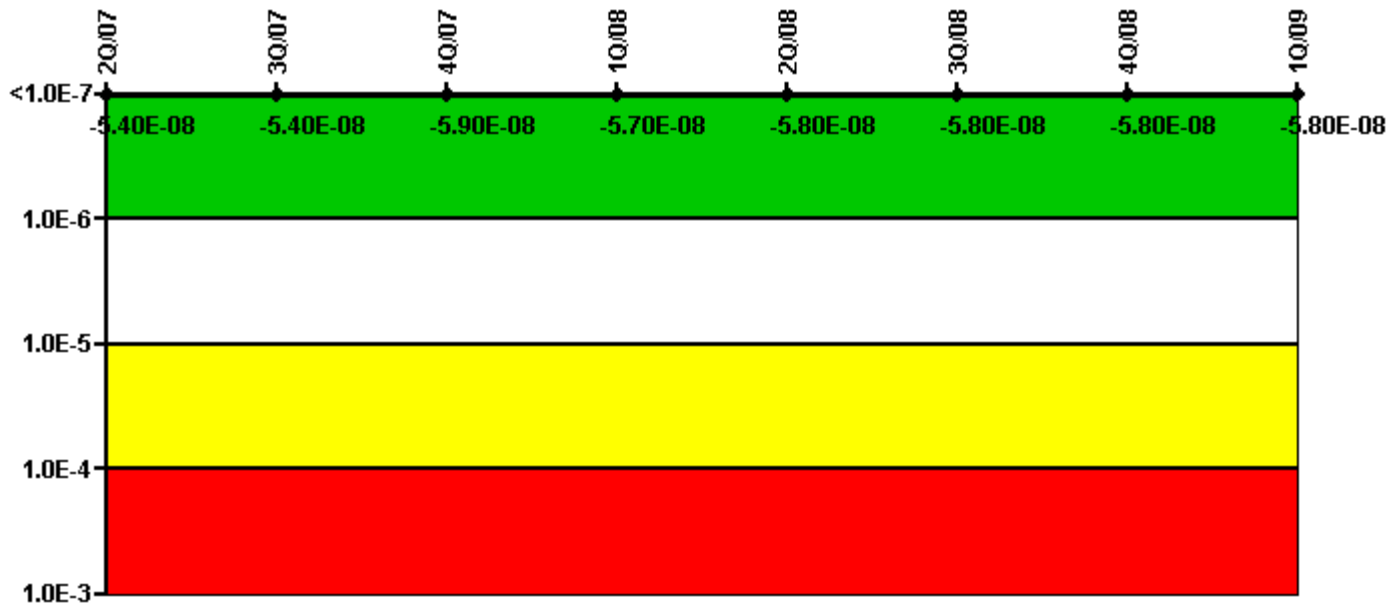
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-5.30E-08	-5.90E-08	-8.40E-08	-8.80E-08	-8.80E-08	-6.40E-08	-6.10E-08	-5.80E-08
URI (Δ CDF)	-1.20E-07	-1.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.73E-07	-1.79E-07	-2.14E-07	-2.18E-07	-2.18E-07	-1.94E-07	-1.91E-07	-1.88E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



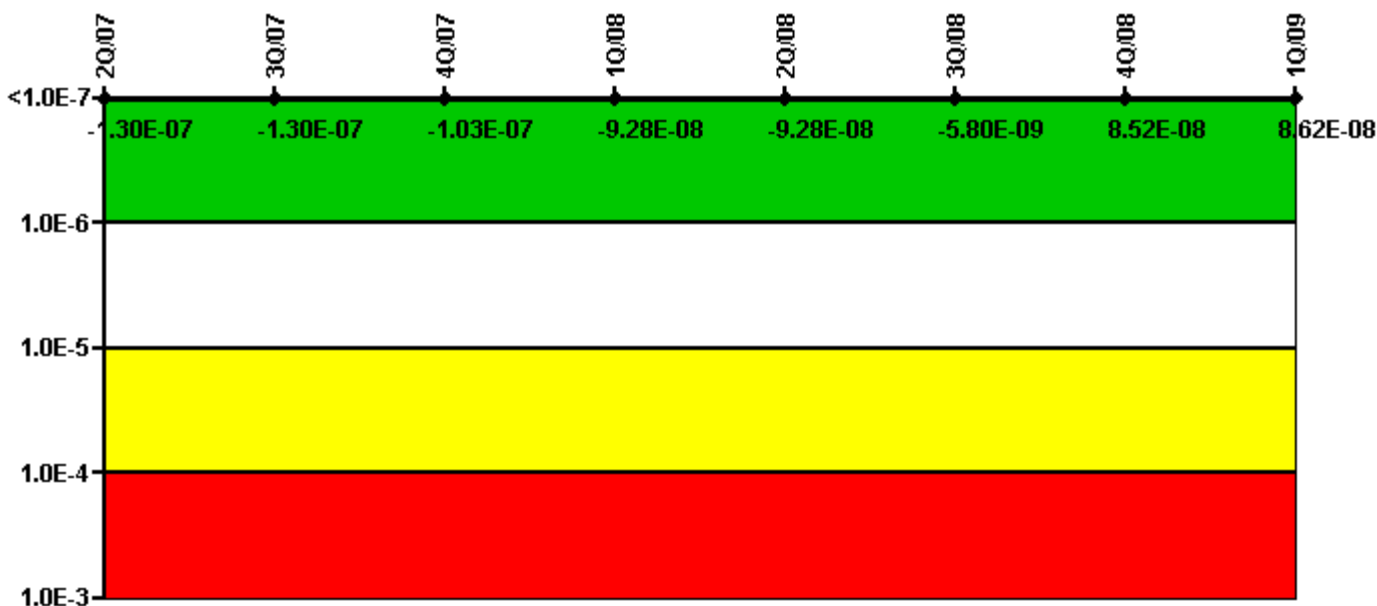
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-1.40E-08	-1.40E-08	-1.50E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08
URI (Δ CDF)	-4.00E-08	-4.00E-08	-4.40E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.40E-08	-5.90E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.80E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



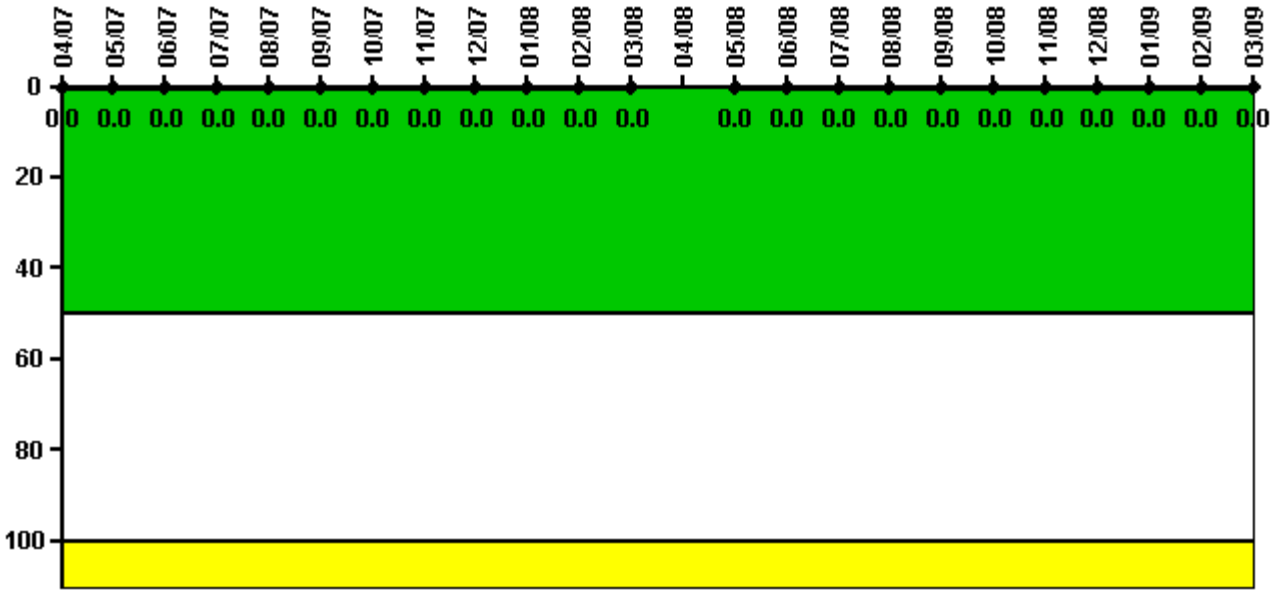
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-3.20E-14	-3.20E-14	7.10E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.10E-07	-1.00E-07	-1.00E-07	-1.30E-08	7.80E-08	7.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.03E-07	-9.28E-08	-9.28E-08	-5.80E-09	8.52E-08	8.62E-08

Licensee Comments: none

Reactor Coolant System Activity



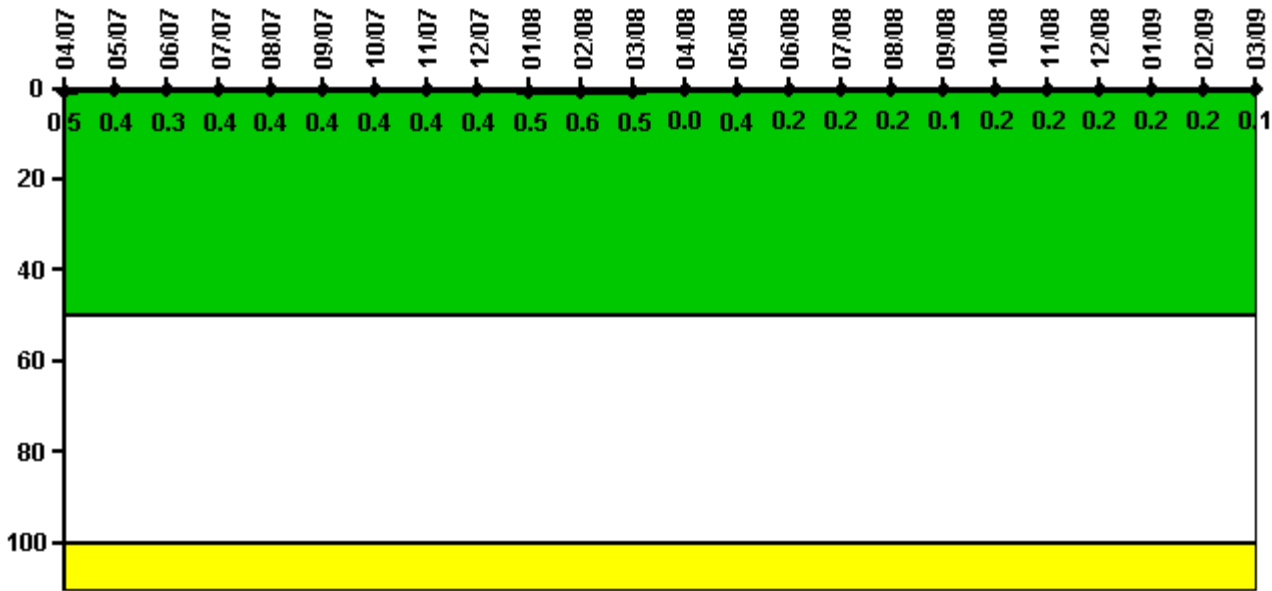
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000055	0.000084	0.000079	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	N/A	0.000055	0.000057	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



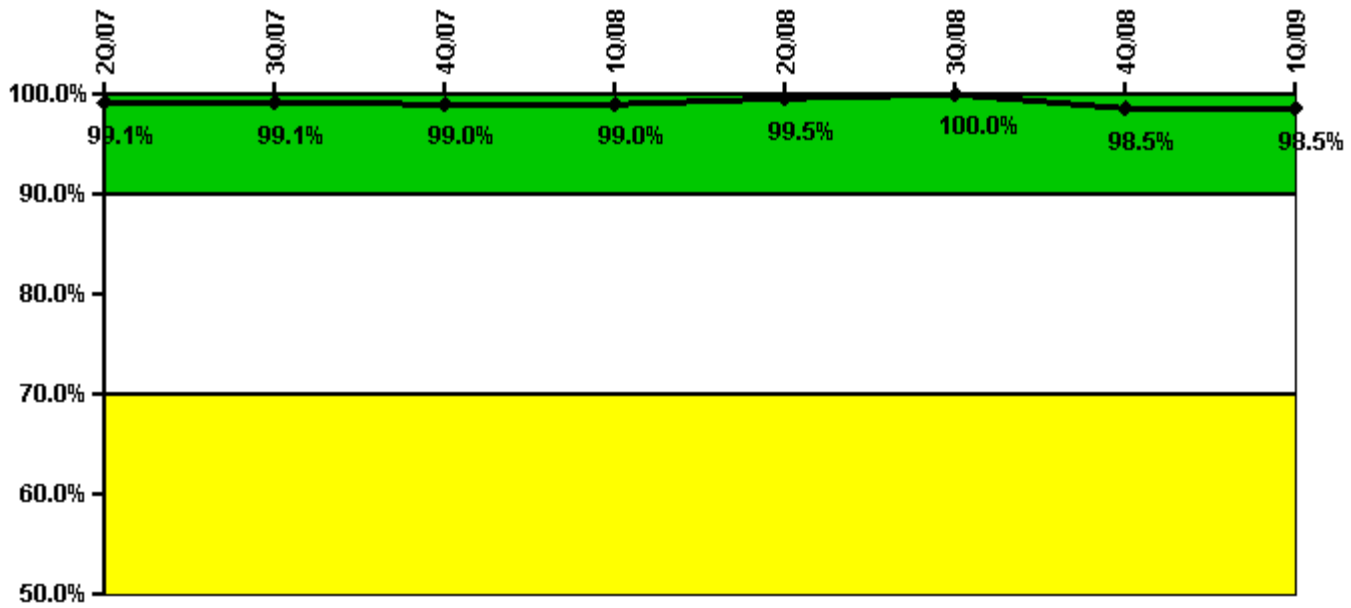
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.047	0.035	0.034	0.036	0.040	0.035	0.036	0.039	0.039	0.045	0.057	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5
Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0	0.039	0.018	0.017	0.015	0.013	0.015	0.017	0.016	0.016	0.019	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



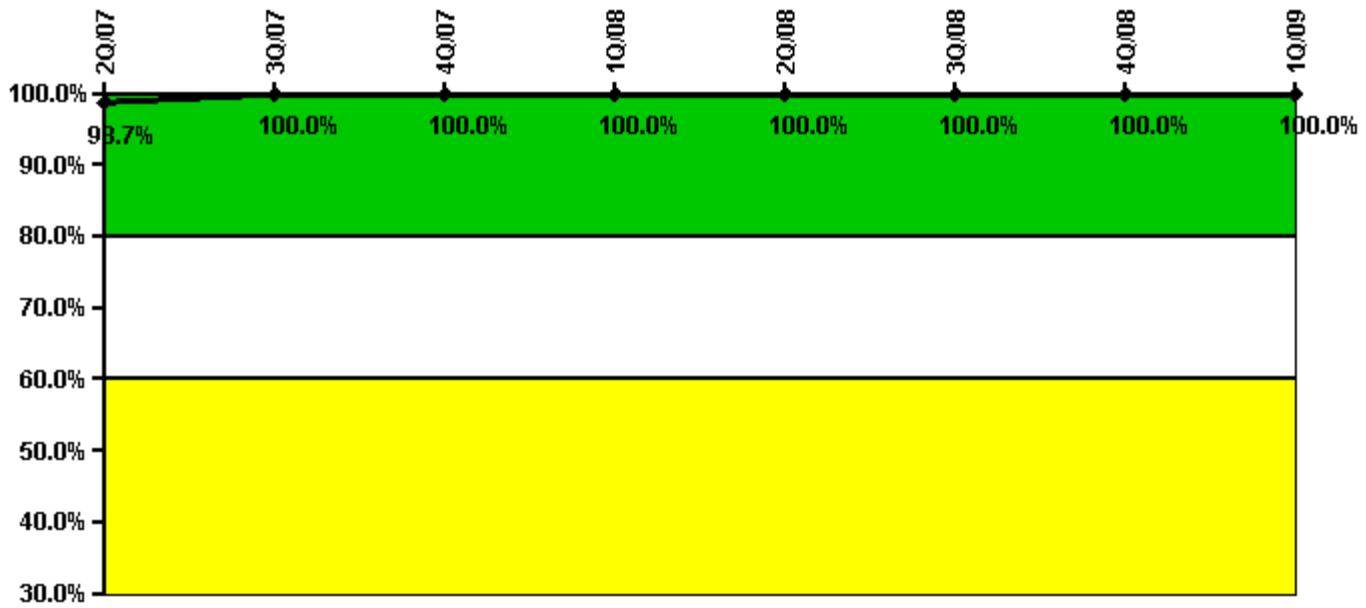
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	17.0	29.0	33.0	19.0	16.0	16.0	46.0	18.0
Total opportunities	17.0	29.0	33.0	19.0	16.0	16.0	49.0	18.0
Indicator value	99.1%	99.1%	99.0%	99.0%	99.5%	100.0%	98.5%	98.5%

Licensee Comments: none

ERO Drill Participation



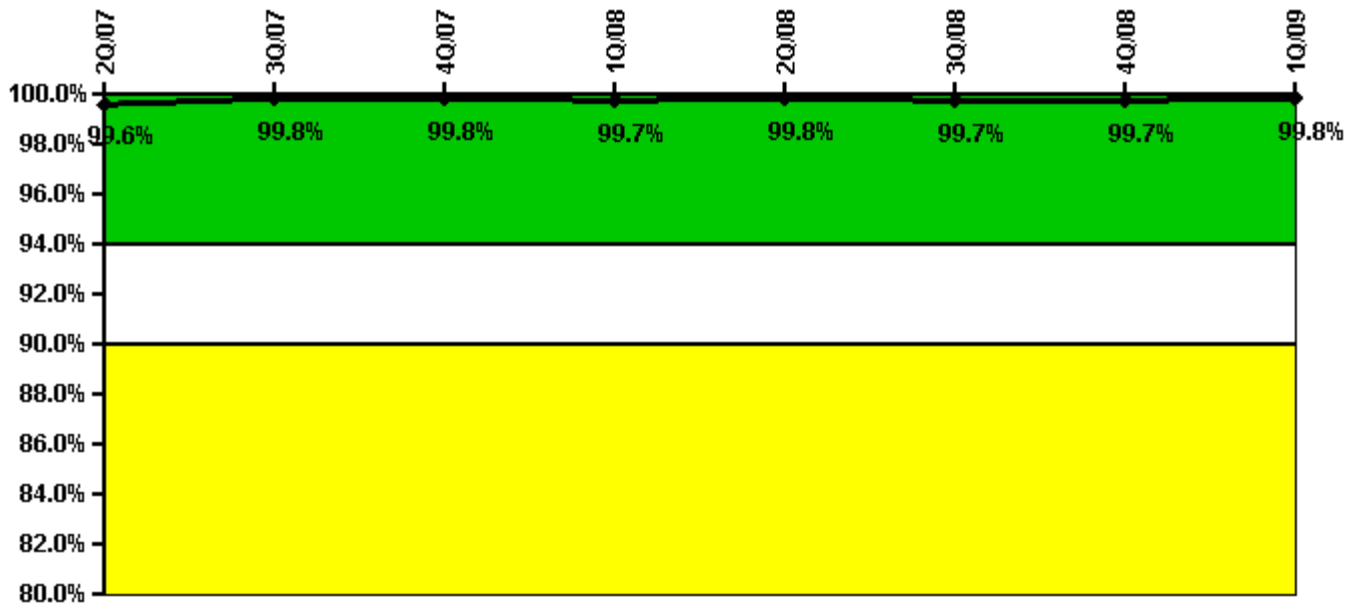
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	75.0	89.0	83.0	82.0	81.0	81.0	83.0	84.0
Total Key personnel	76.0	89.0	83.0	82.0	81.0	81.0	83.0	84.0
Indicator value	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



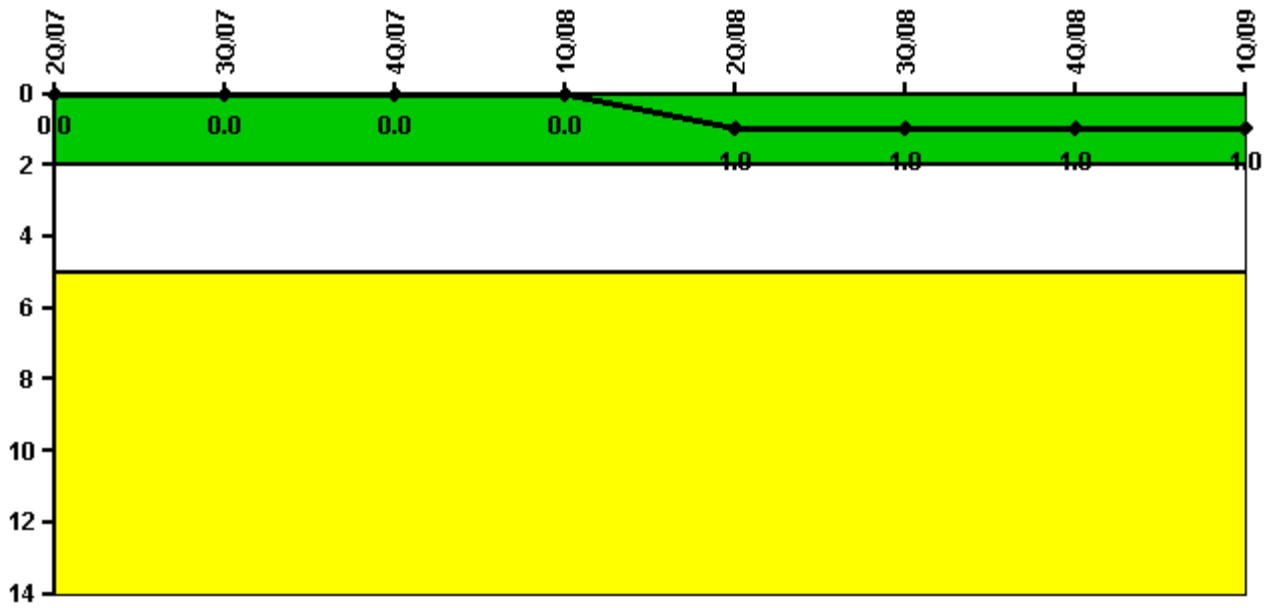
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	724	845	724	845	725	843	725	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.6%	99.8%	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



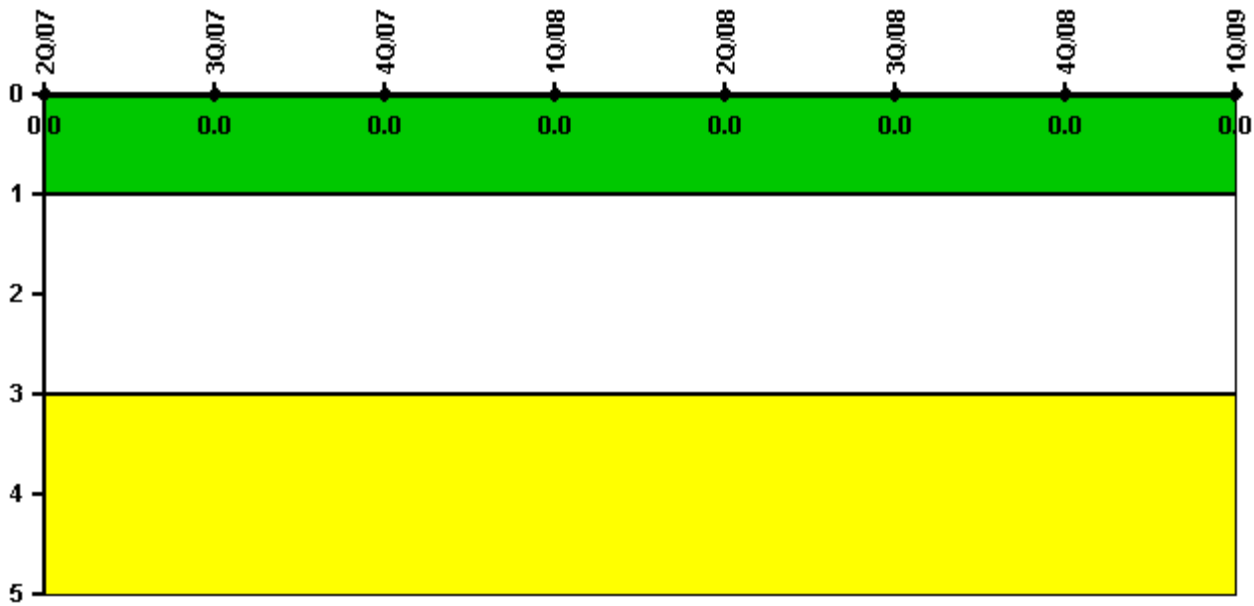
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

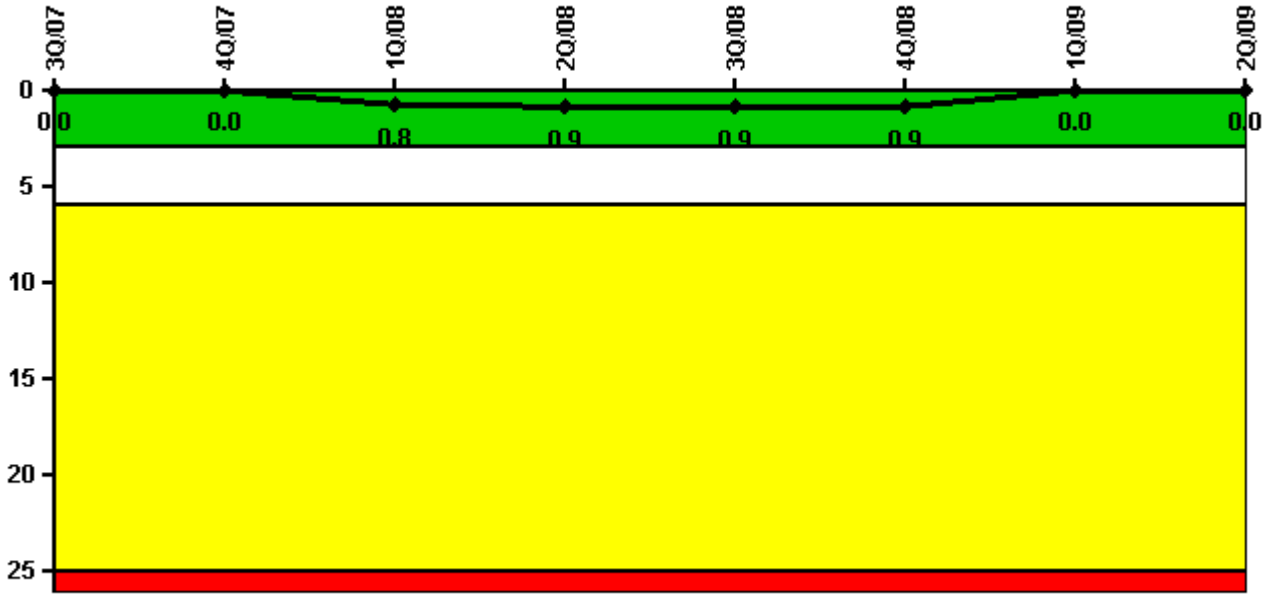
[Security](#) information not publicly available.

Seabrook 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



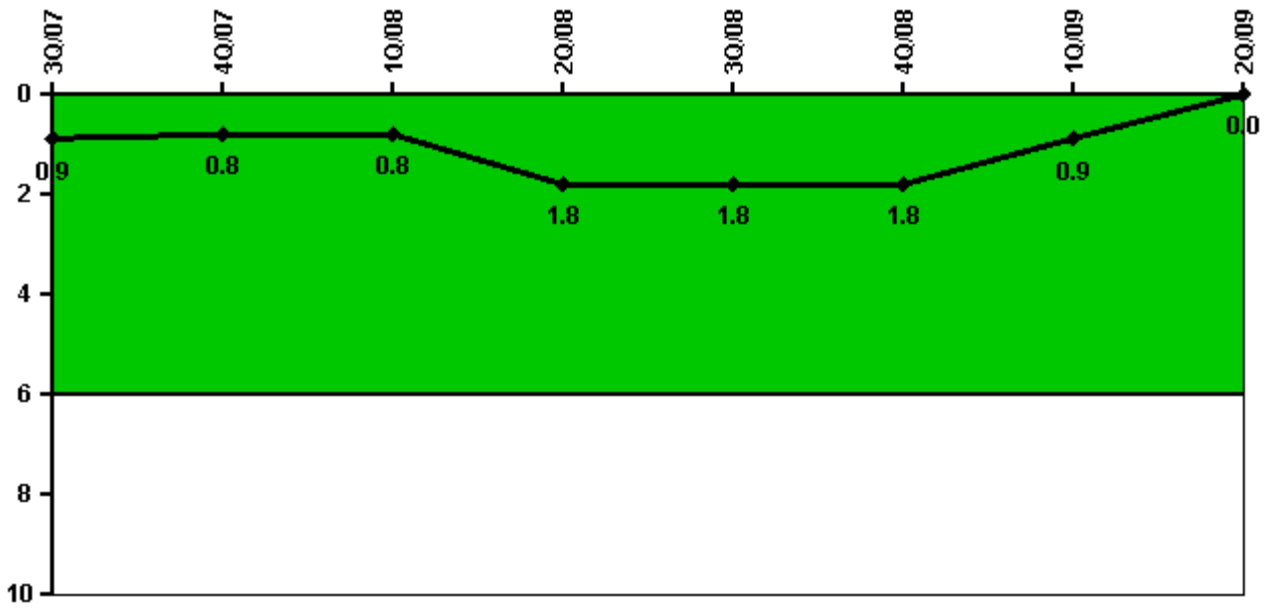
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0.8	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



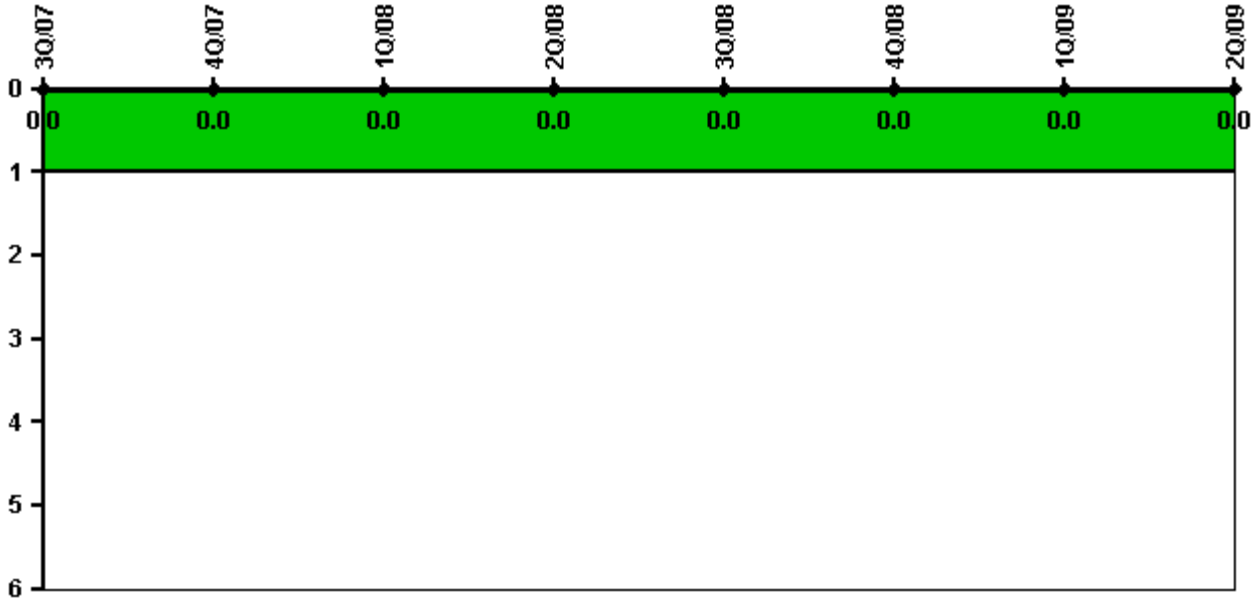
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	1.0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0
Indicator value	0.9	0.8	0.8	1.8	1.8	1.8	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



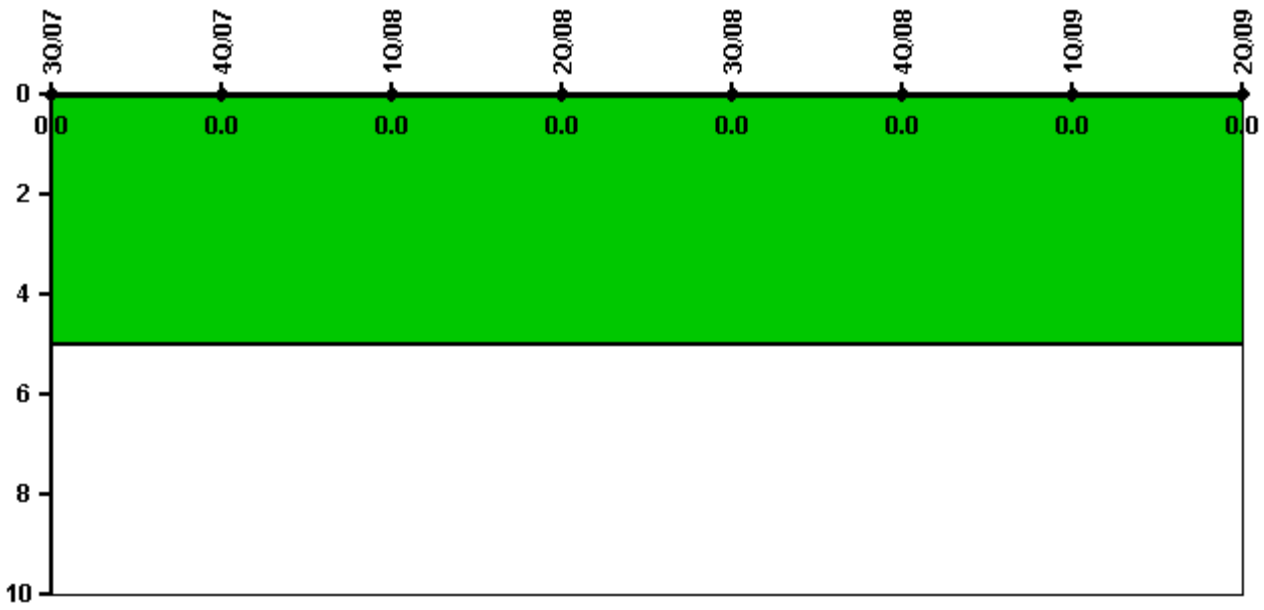
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



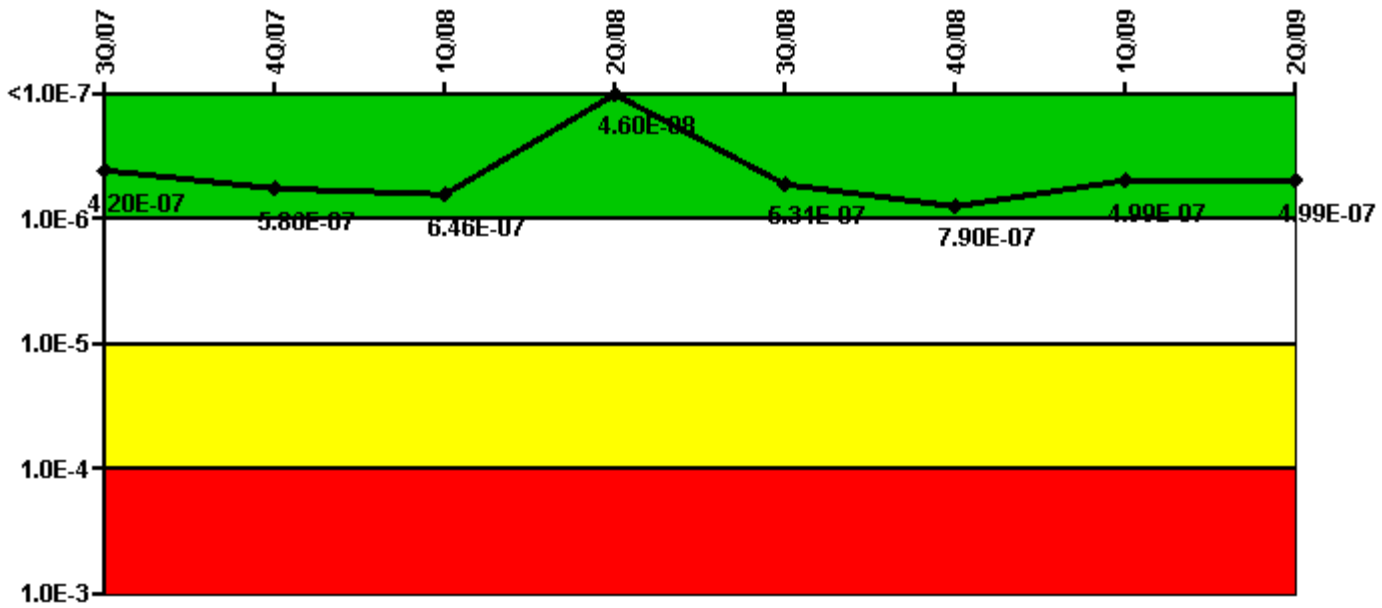
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



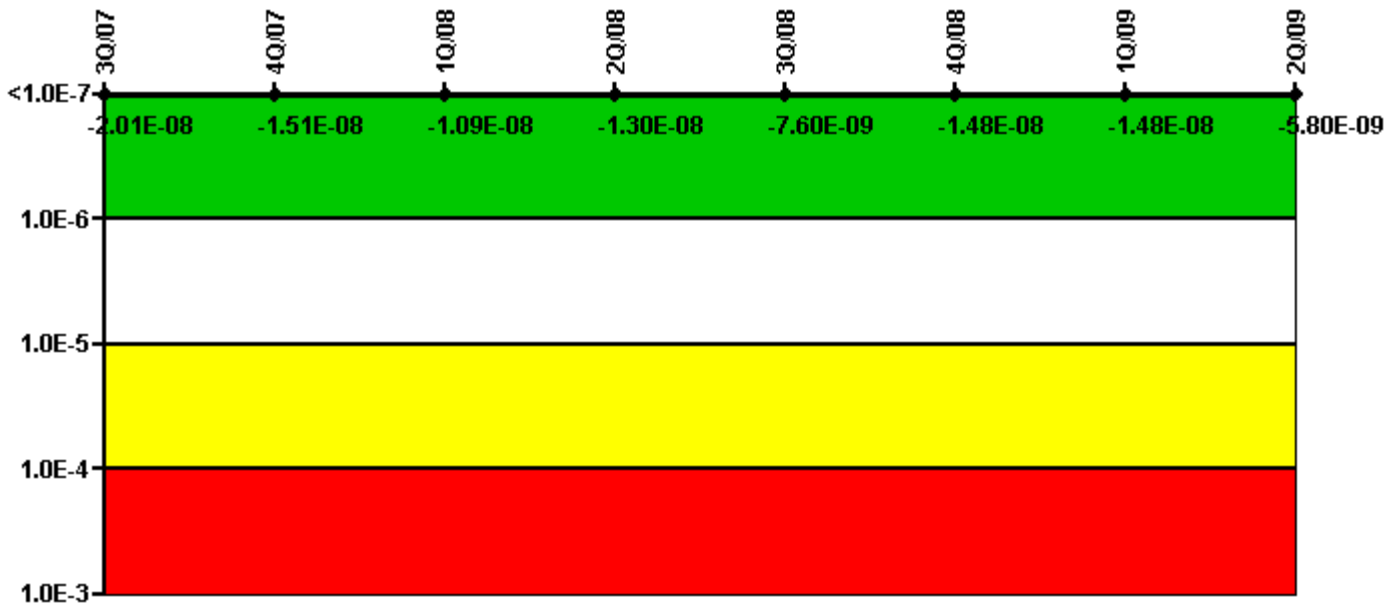
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-5.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-5.90E-08	-7.00E-08	9.00E-09	9.00E-09
URI (ΔCDF)	4.70E-07	6.60E-07	7.20E-07	1.20E-07	5.90E-07	8.60E-07	4.90E-07	4.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.20E-07	5.86E-07	6.46E-07	4.60E-08	5.31E-07	7.90E-07	4.99E-07	4.99E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



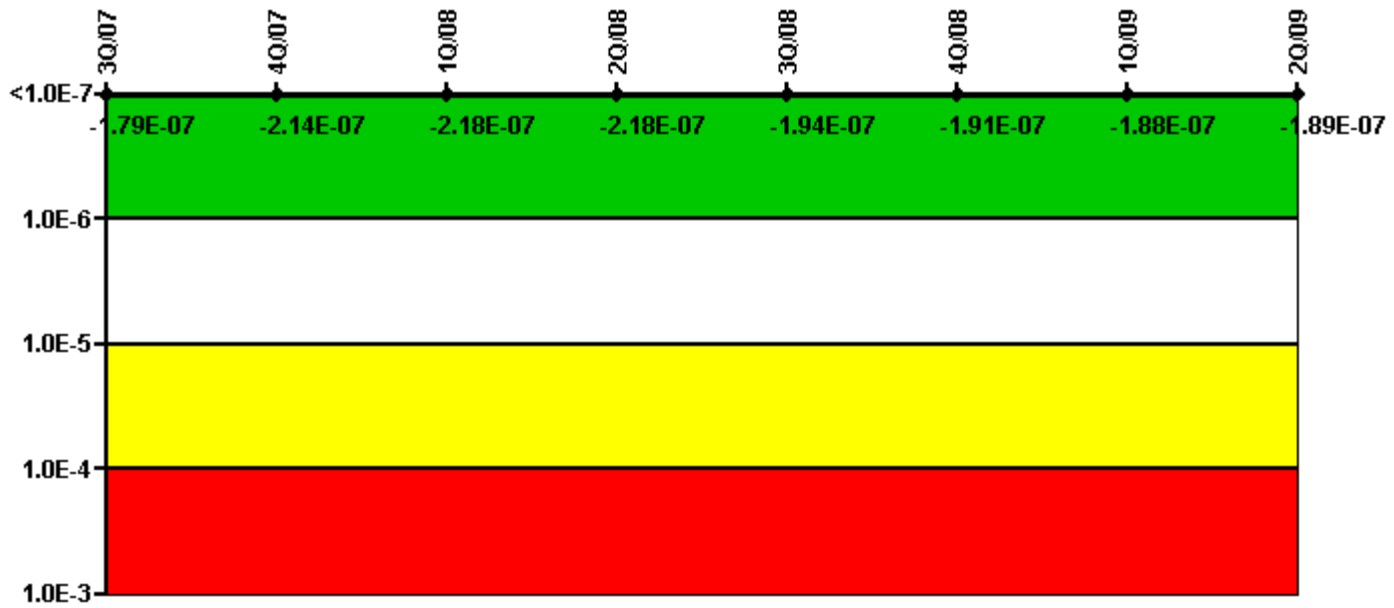
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-1.20E-08	-6.20E-09	-1.90E-09	-4.20E-09	1.10E-09	-6.00E-09	-6.00E-09	3.10E-09
URI (Δ CDF)	-8.10E-09	-8.90E-09	-9.00E-09	-8.80E-09	-8.70E-09	-8.80E-09	-8.80E-09	-8.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.01E-08	-1.51E-08	-1.09E-08	-1.30E-08	-7.60E-09	-1.48E-08	-1.48E-08	-5.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



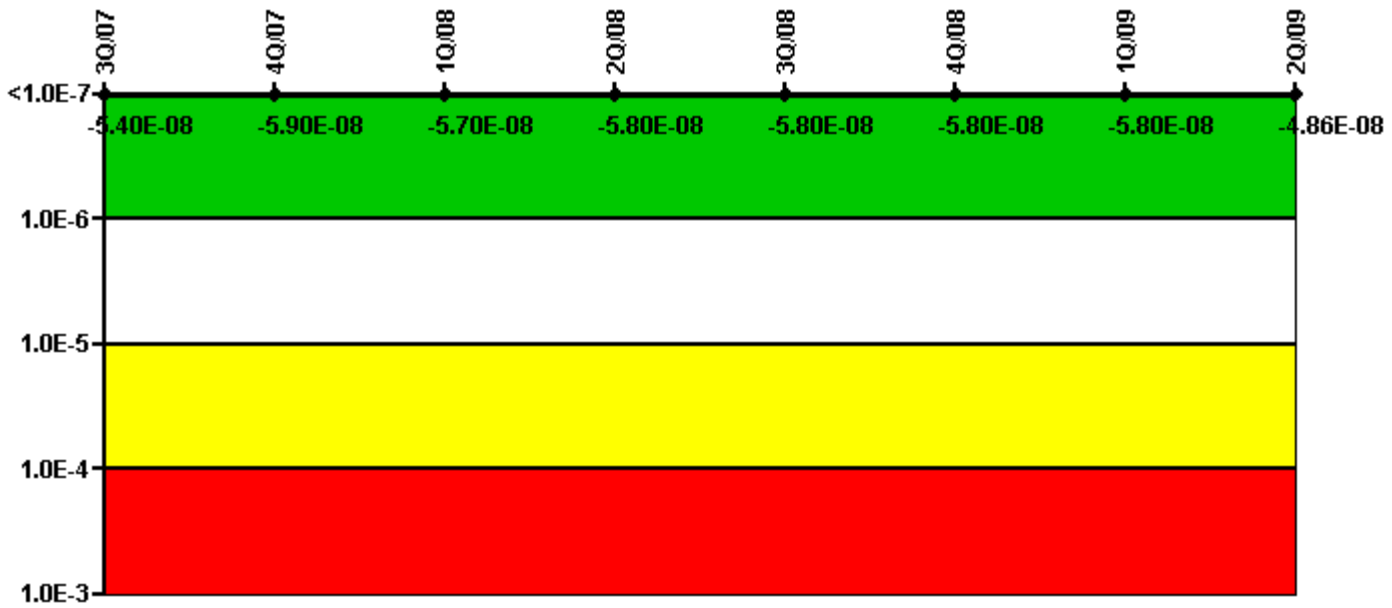
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-5.90E-08	-8.40E-08	-8.80E-08	-8.80E-08	-6.40E-08	-6.10E-08	-5.80E-08	-5.90E-08
URI (Δ CDF)	-1.20E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.79E-07	-2.14E-07	-2.18E-07	-2.18E-07	-1.94E-07	-1.91E-07	-1.88E-07	-1.89E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



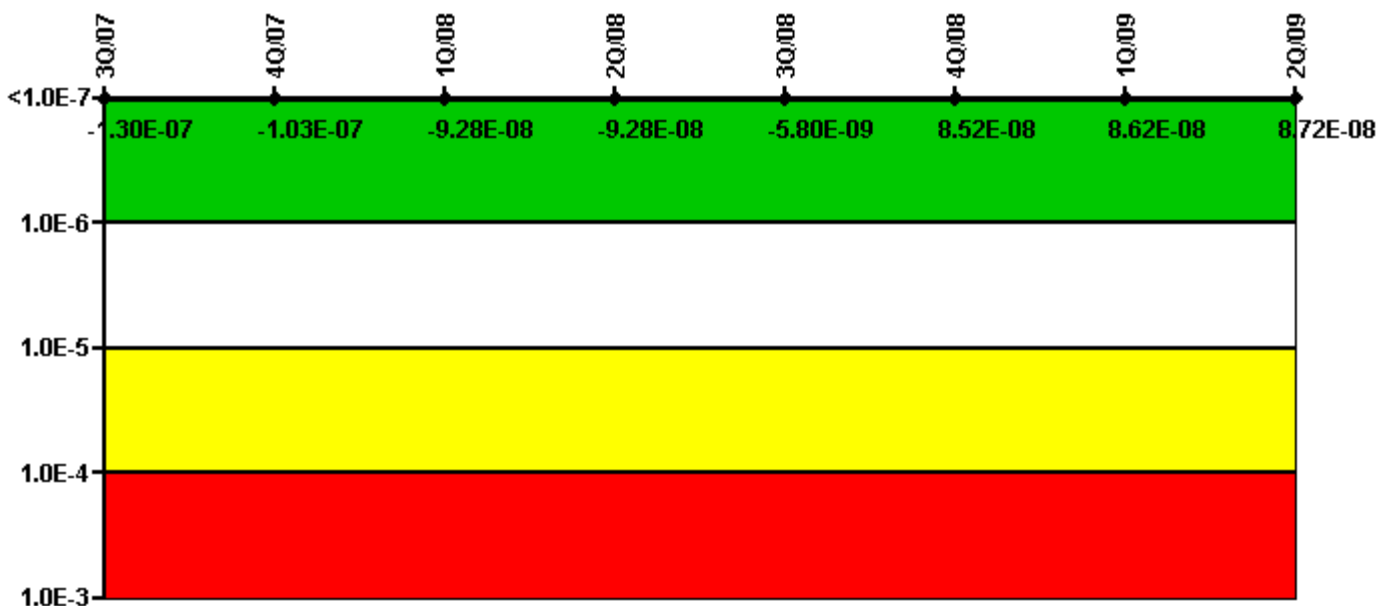
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-1.40E-08	-1.50E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-5.60E-10
URI (Δ CDF)	-4.00E-08	-4.40E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.90E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.80E-08	-5.80E-08	-4.86E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



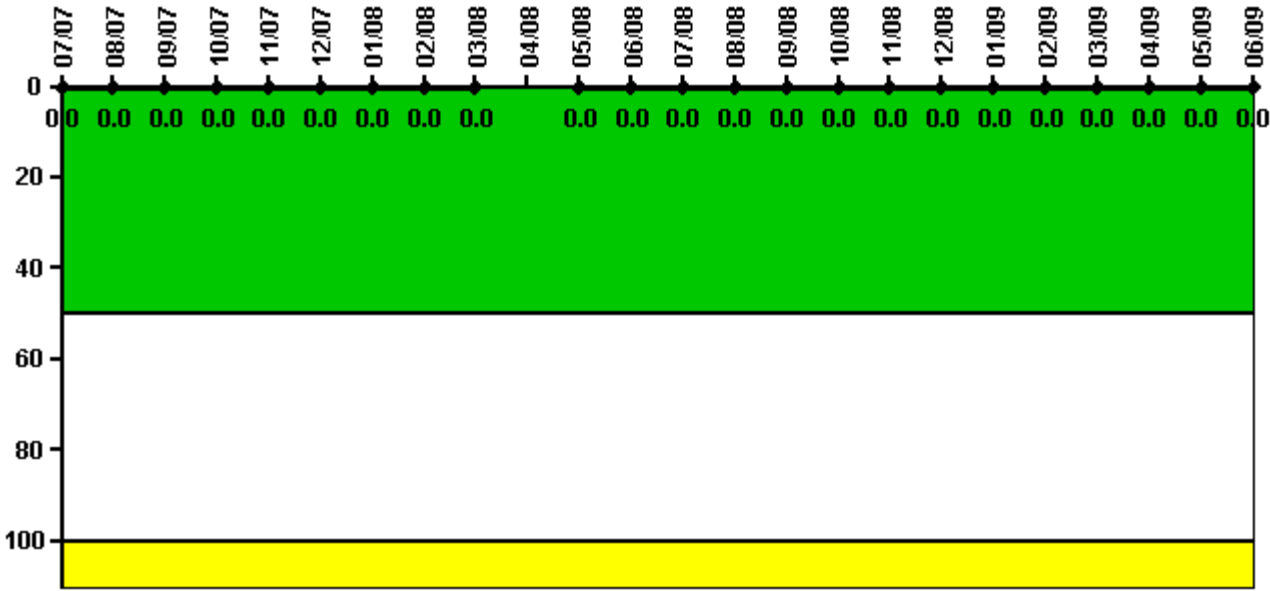
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-3.20E-14	7.10E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09
URI (Δ CDF)	-1.30E-07	-1.10E-07	-1.00E-07	-1.00E-07	-1.30E-08	7.80E-08	7.90E-08	8.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.03E-07	-9.28E-08	-9.28E-08	-5.80E-09	8.52E-08	8.62E-08	8.72E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

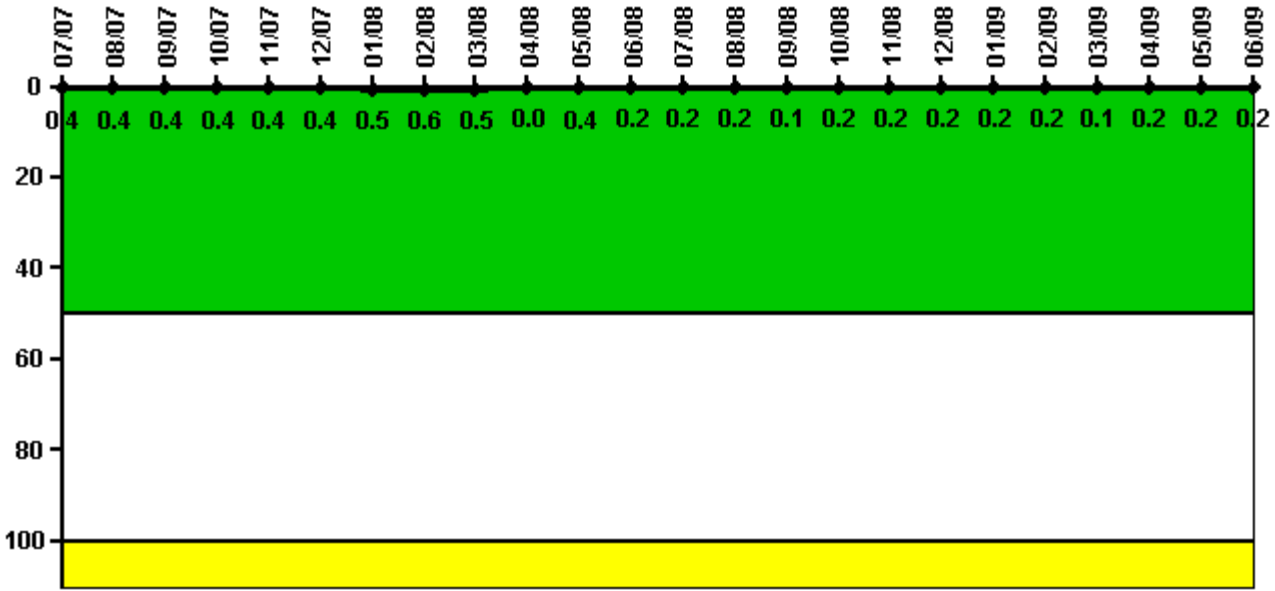
Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000087	0.000084	0.000088	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148	N/A	0.000055	0.000057
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



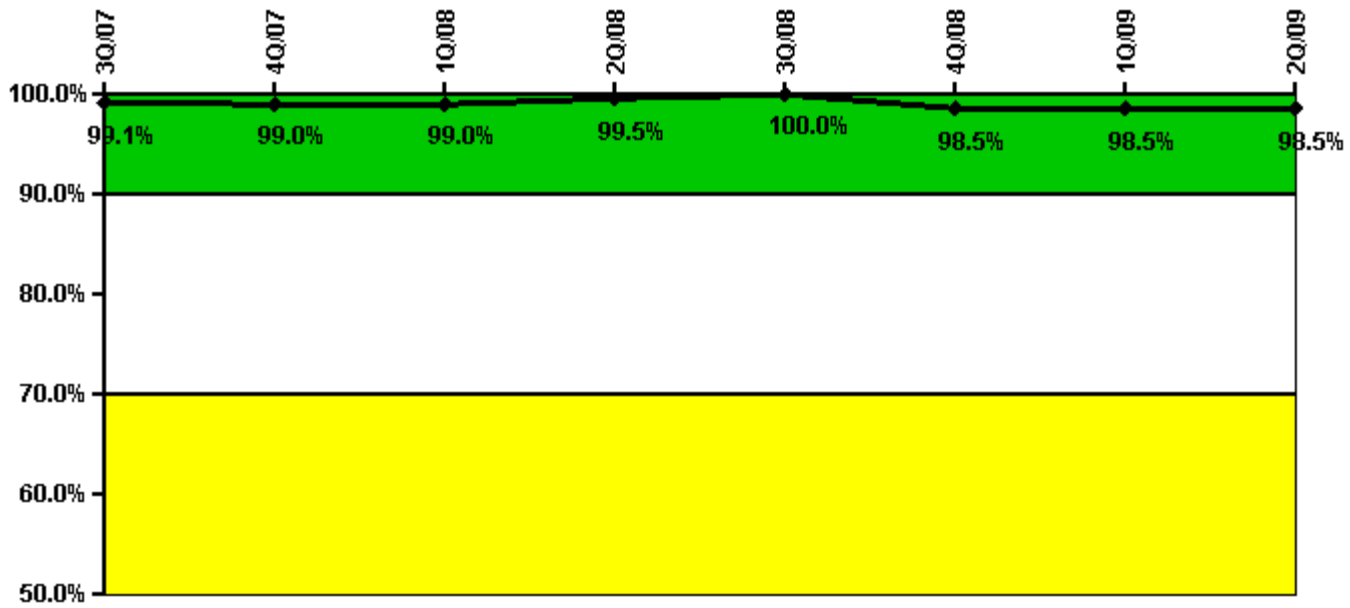
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.036	0.040	0.035	0.036	0.039	0.039	0.045	0.057	0.053	0	0.039	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0	0.4	0.2
Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.017	0.015	0.013	0.015	0.017	0.016	0.016	0.019	0.014	0.019	0.017	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



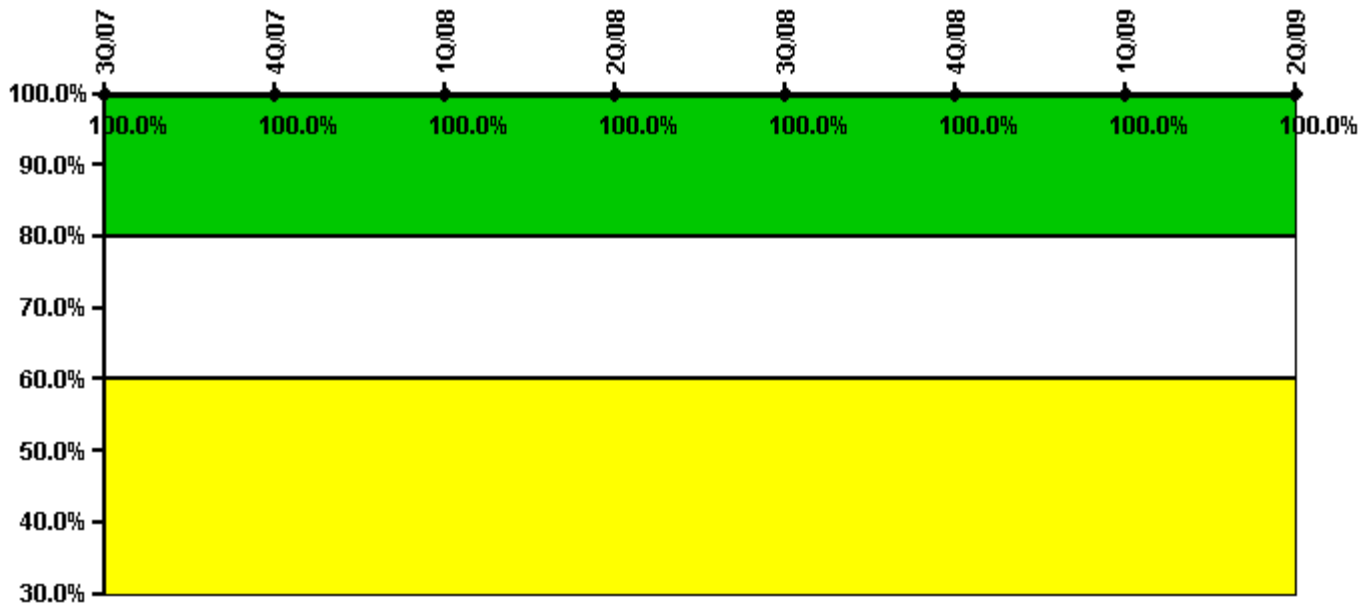
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	29.0	33.0	19.0	16.0	16.0	46.0	18.0	19.0
Total opportunities	29.0	33.0	19.0	16.0	16.0	49.0	18.0	19.0
Indicator value	99.1%	99.0%	99.0%	99.5%	100.0%	98.5%	98.5%	98.5%

Licensee Comments: none

ERO Drill Participation



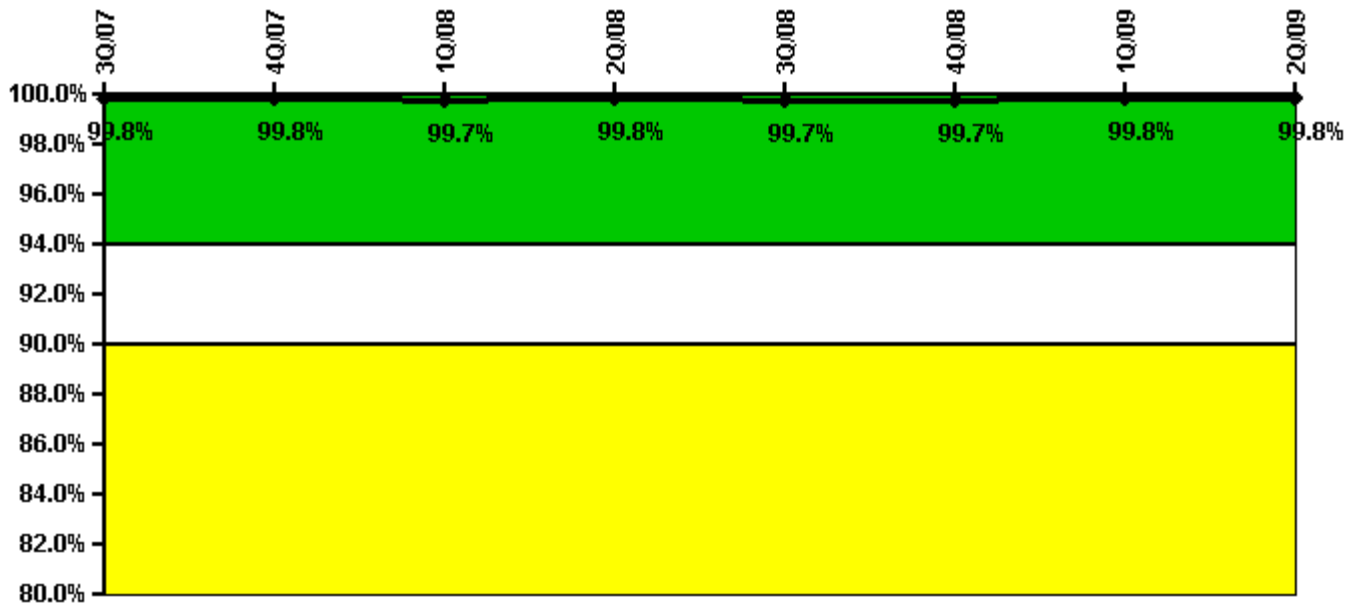
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	89.0	83.0	82.0	81.0	81.0	83.0	84.0	84.0
Total Key personnel	89.0	83.0	82.0	81.0	81.0	83.0	84.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



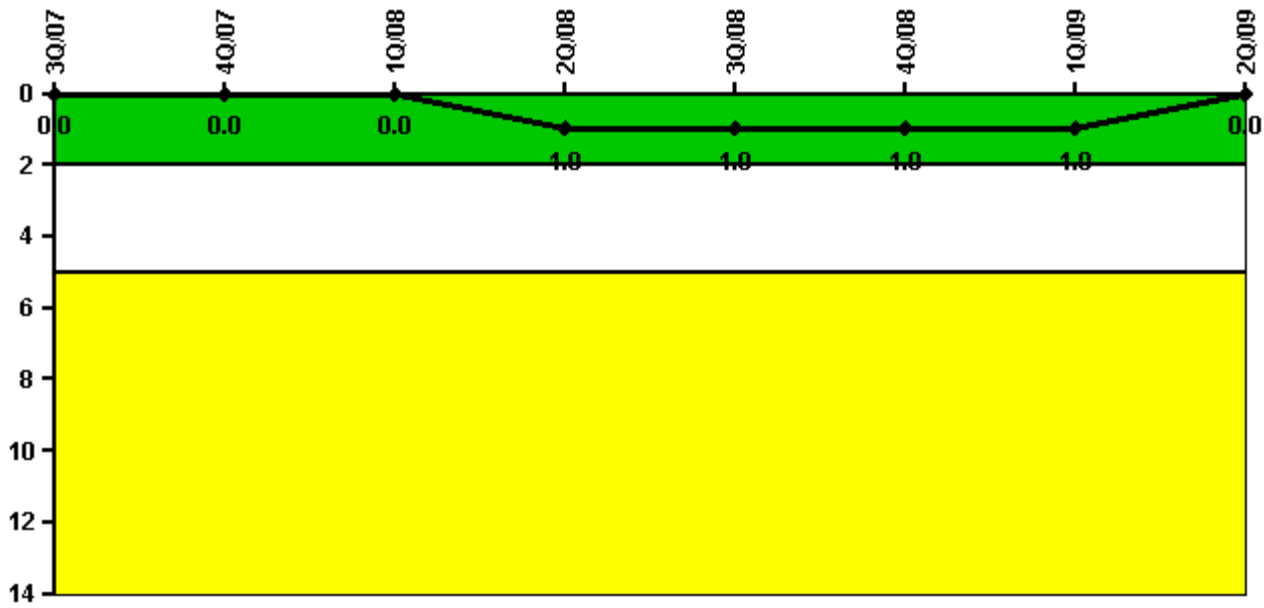
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	845	724	845	725	843	725	846	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.8%	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



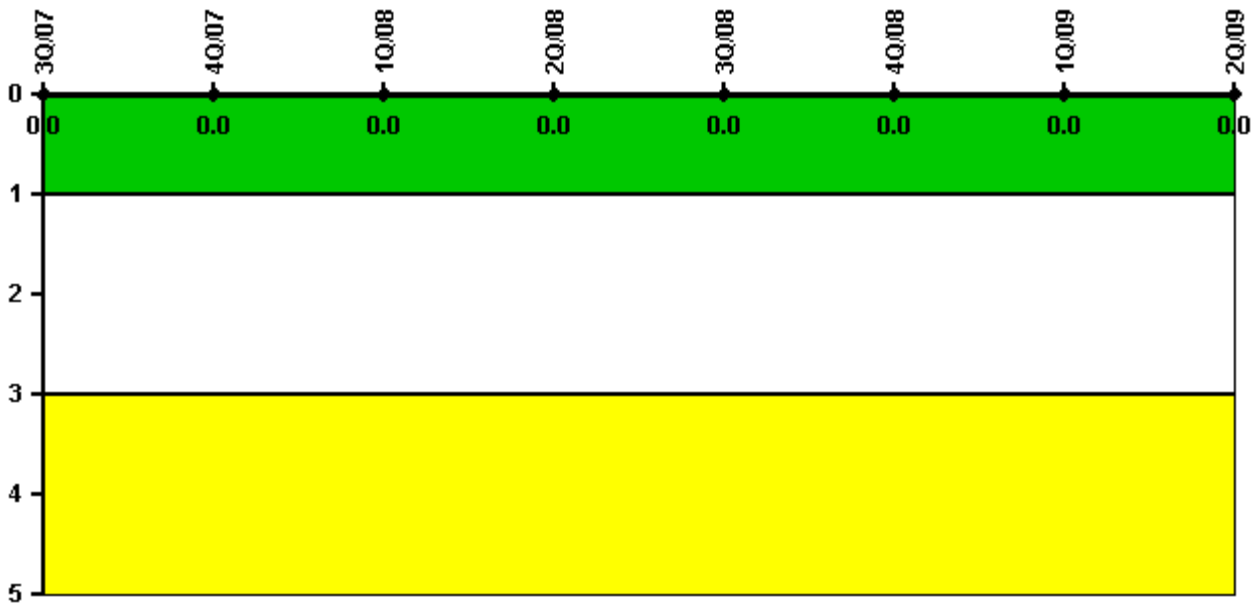
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

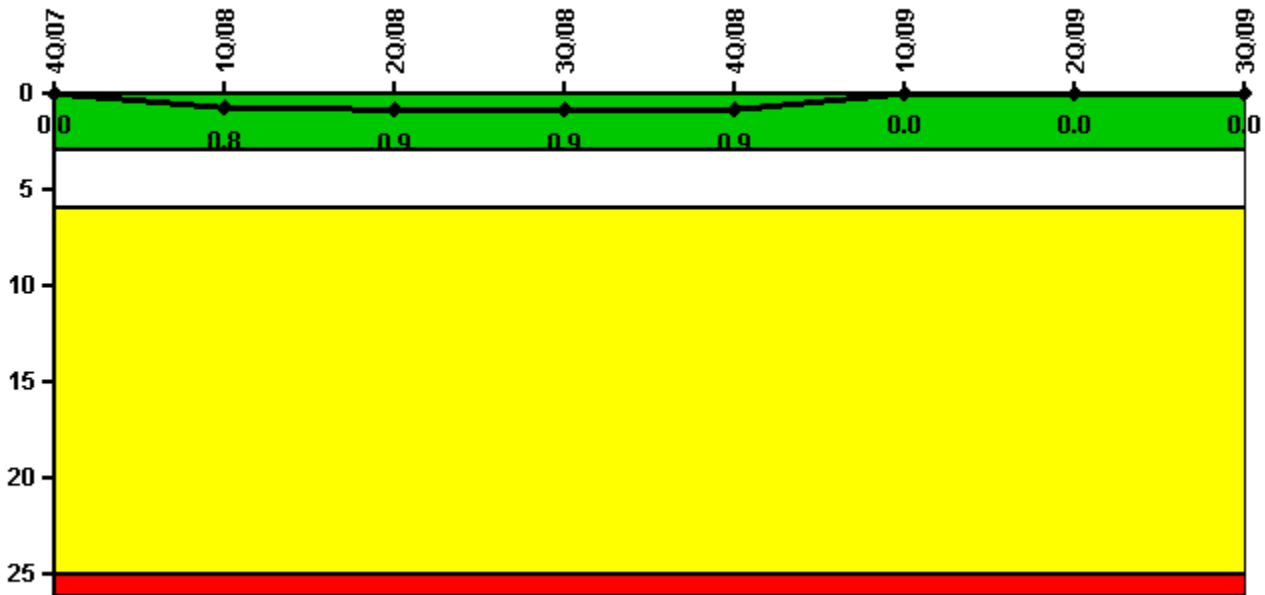
[Security](#) information not publicly available.

Seabrook 1

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



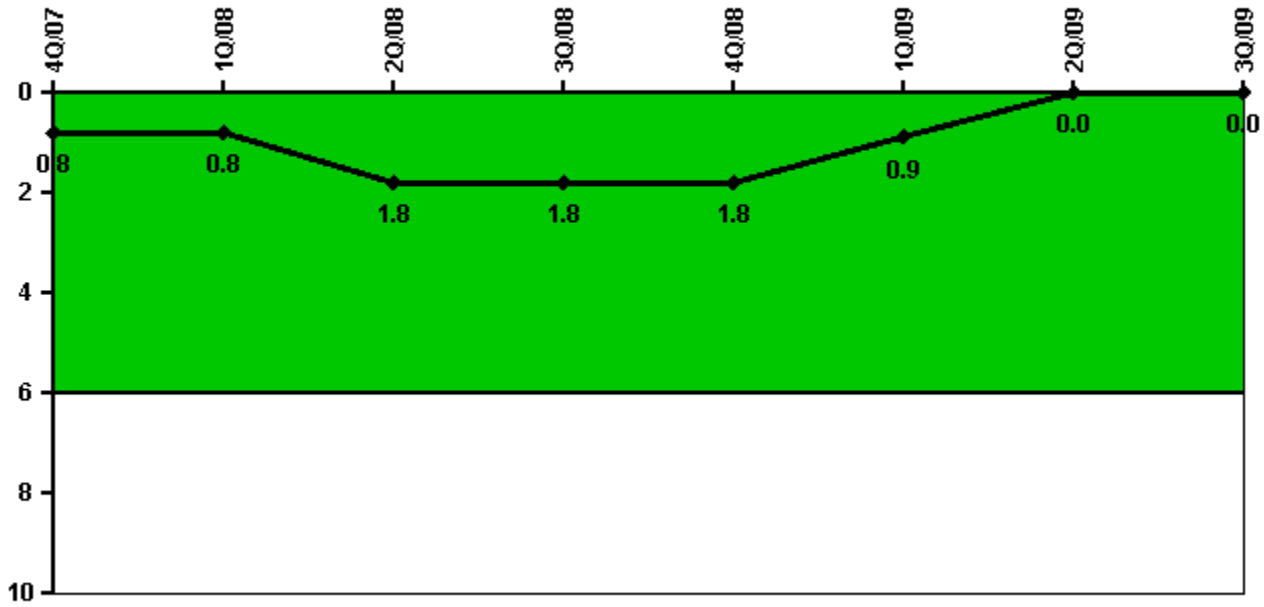
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0	0.8	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



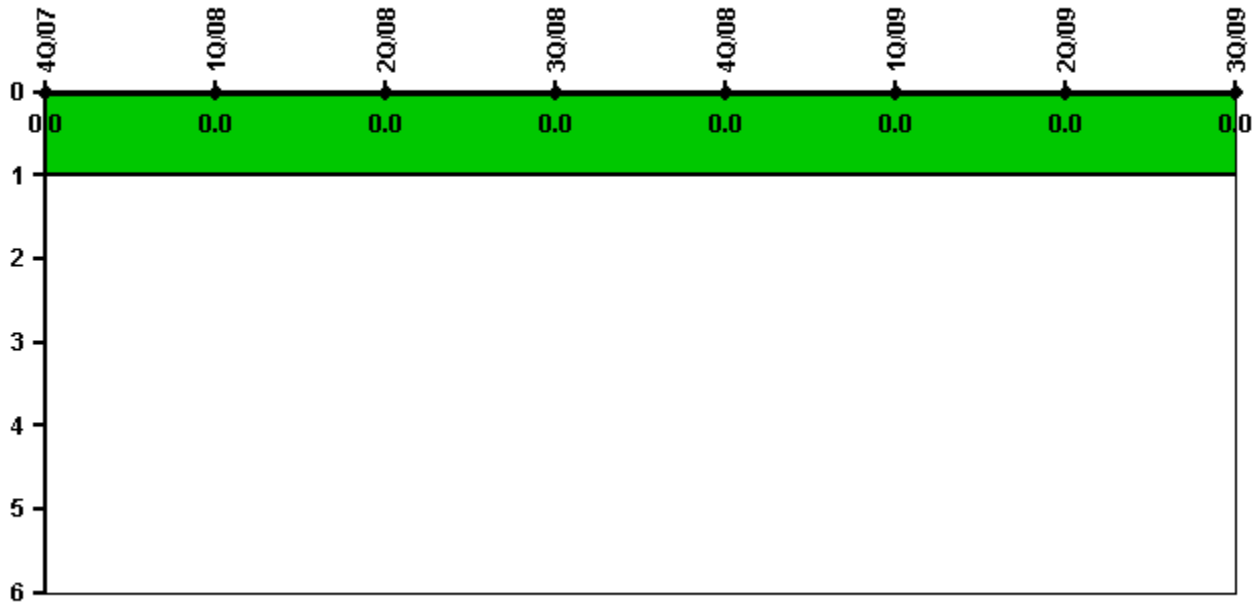
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2209.0	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0.8	0.8	1.8	1.8	1.8	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



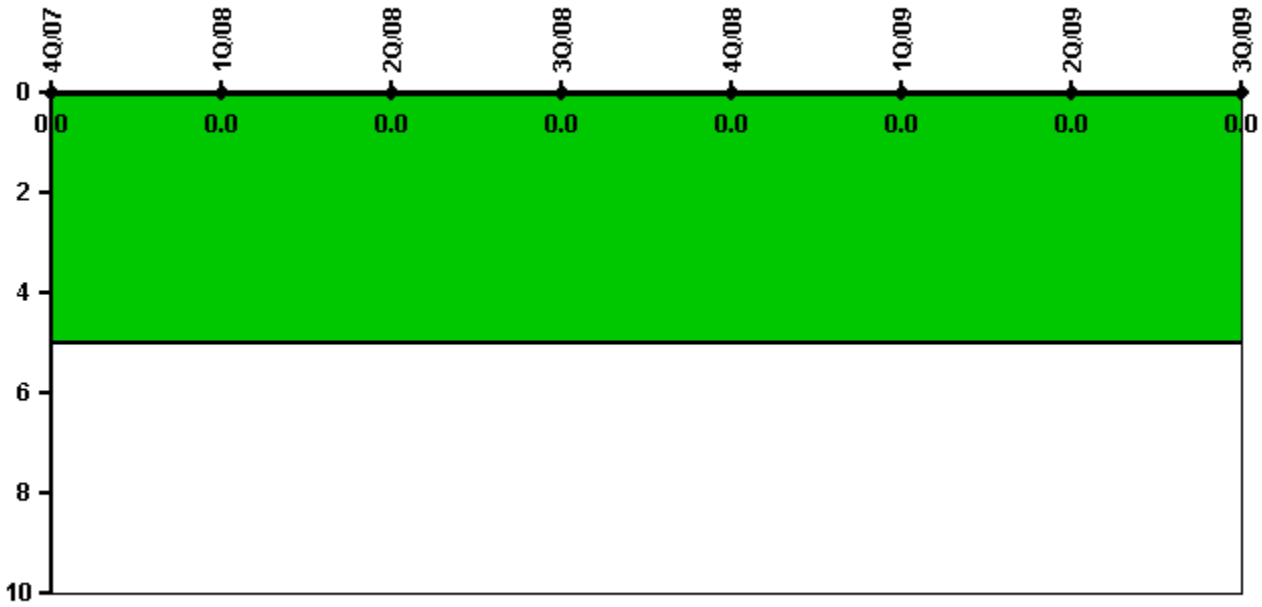
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



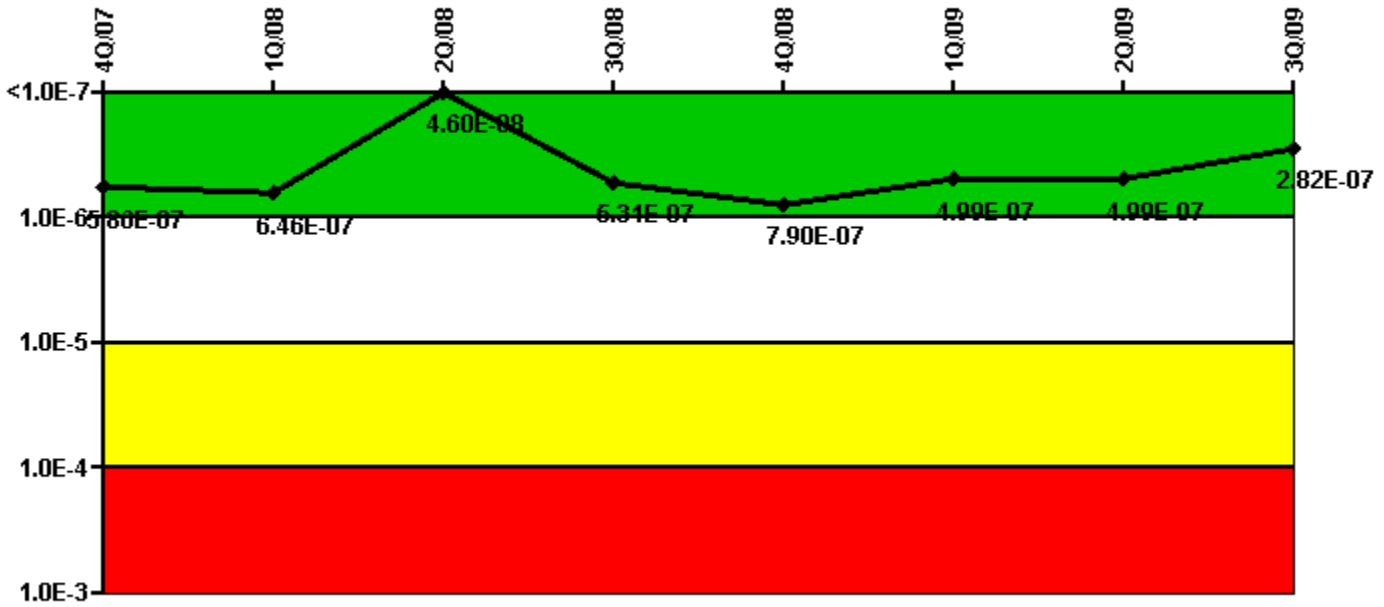
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

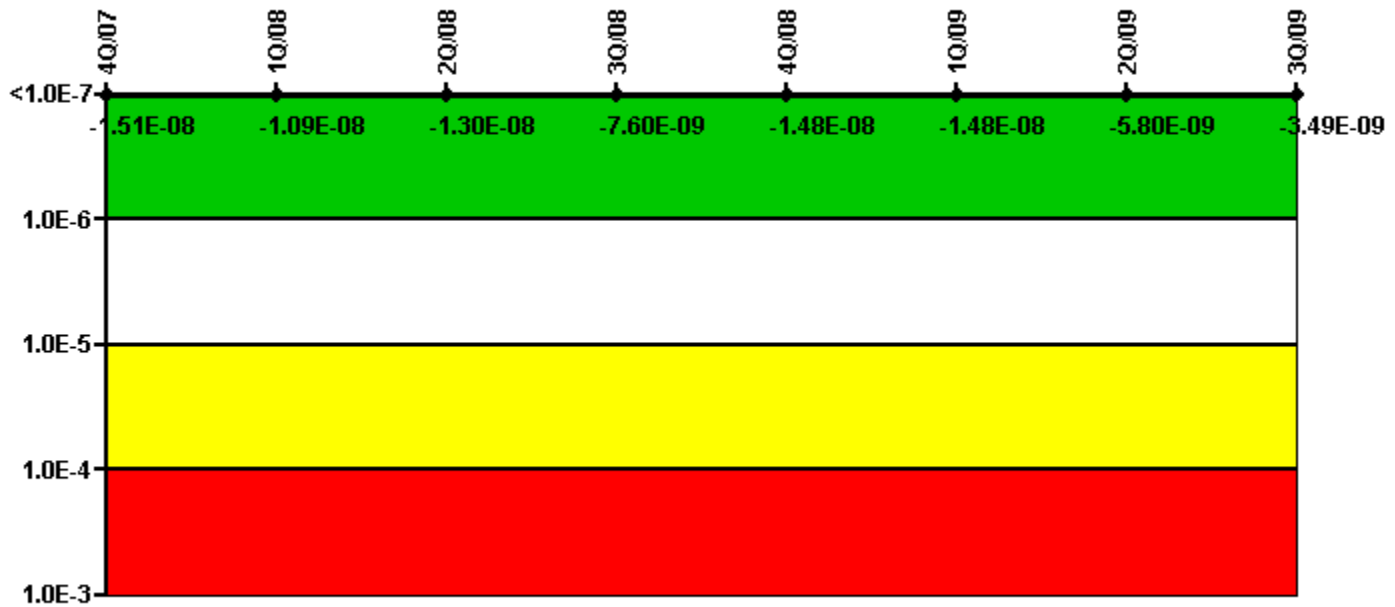
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-7.40E-08	-7.40E-08	-7.40E-08	-5.90E-08	-7.00E-08	9.00E-09	9.00E-09	2.40E-09
URI (ΔCDF)	6.60E-07	7.20E-07	1.20E-07	5.90E-07	8.60E-07	4.90E-07	4.90E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.86E-07	6.46E-07	4.60E-08	5.31E-07	7.90E-07	4.99E-07	4.99E-07	2.82E-07

Licensee Comments:

3Q/09: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

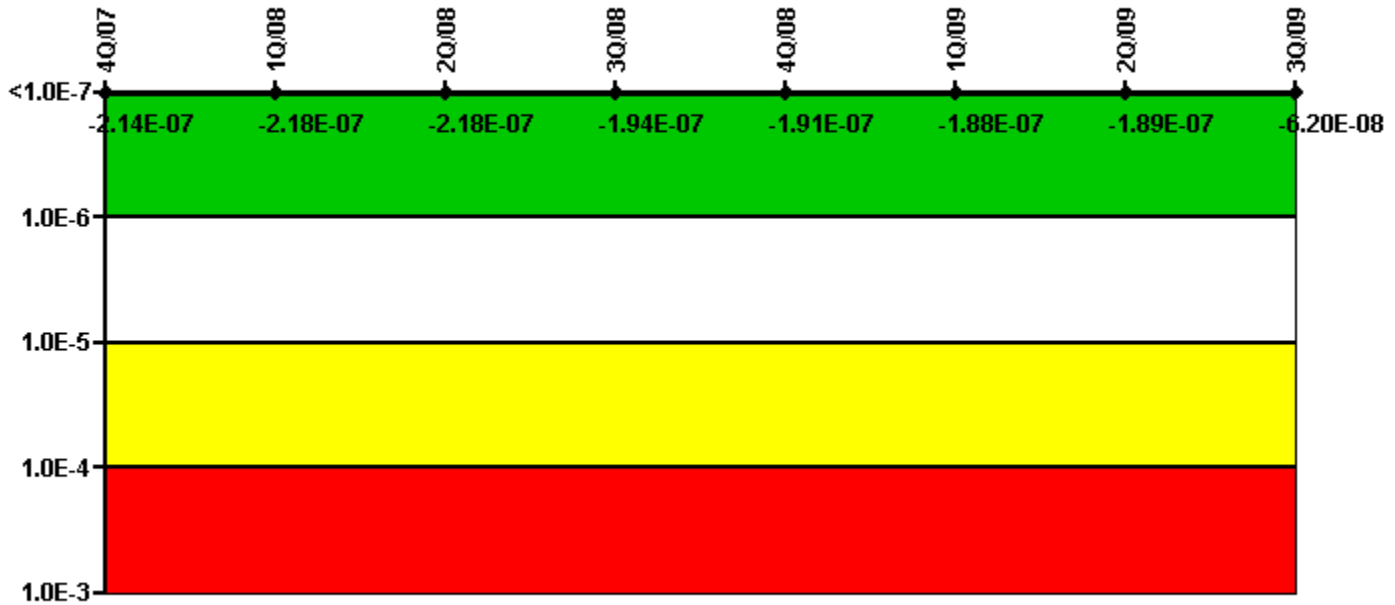
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-6.20E-09	-1.90E-09	-4.20E-09	1.10E-09	-6.00E-09	-6.00E-09	3.10E-09	1.10E-10
URI (Δ CDF)	-8.90E-09	-9.00E-09	-8.80E-09	-8.70E-09	-8.80E-09	-8.80E-09	-8.90E-09	-3.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.51E-08	-1.09E-08	-1.30E-08	-7.60E-09	-1.48E-08	-1.48E-08	-5.80E-09	-3.49E-09

Licensee Comments:

3Q/09: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

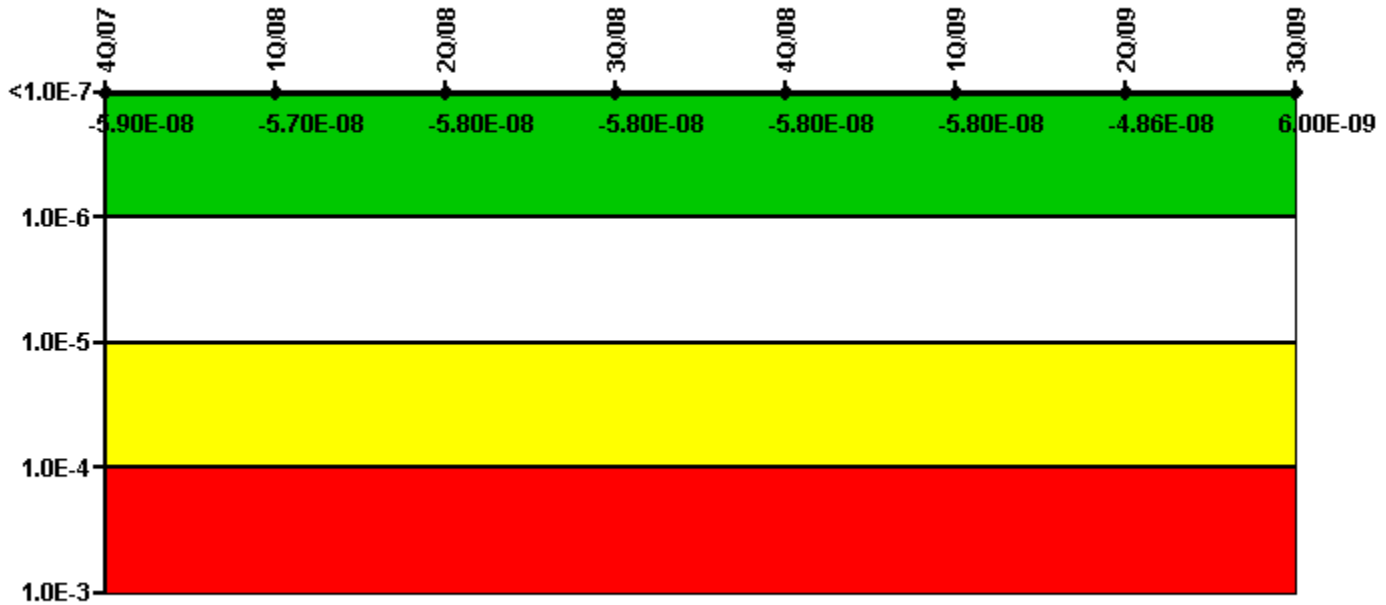
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-8.40E-08	-8.80E-08	-8.80E-08	-6.40E-08	-6.10E-08	-5.80E-08	-5.90E-08	-1.40E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-4.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.14E-07	-2.18E-07	-2.18E-07	-1.94E-07	-1.91E-07	-1.88E-07	-1.89E-07	-6.20E-08

Licensee Comments:

3Q/09: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

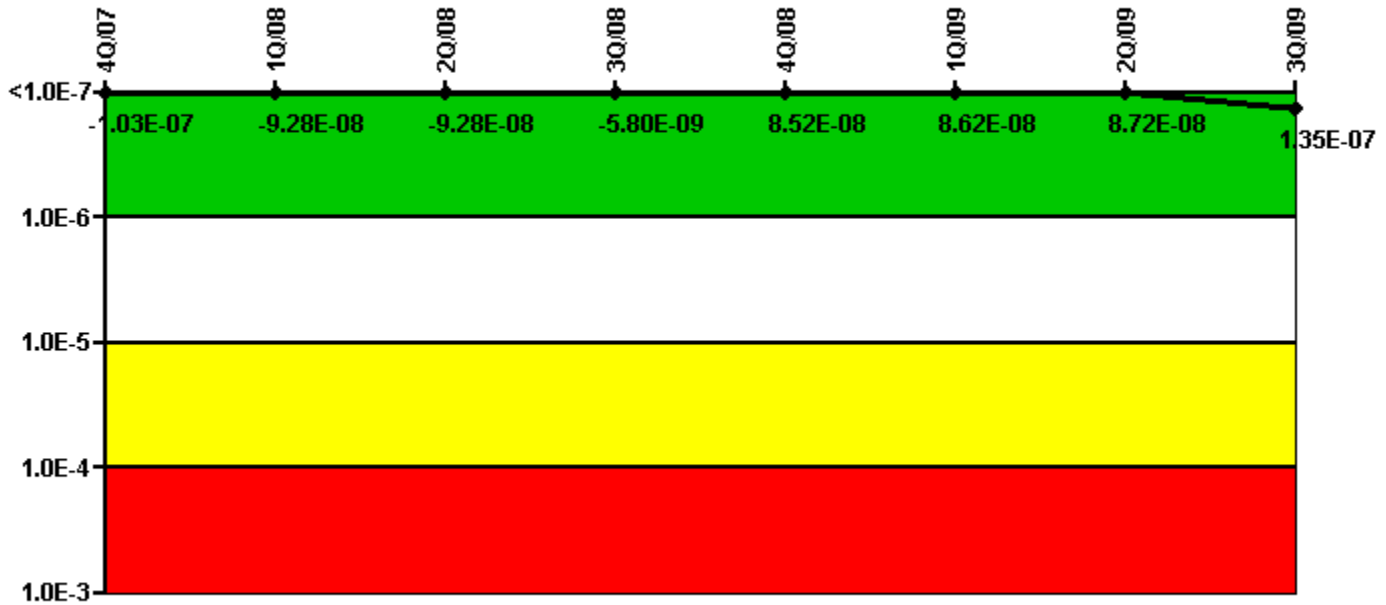
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-1.50E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-5.60E-10	3.50E-08
URI (Δ CDF)	-4.40E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.80E-08	-2.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.80E-08	-5.80E-08	-4.86E-08	6.00E-09

Licensee Comments:

3Q/09: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

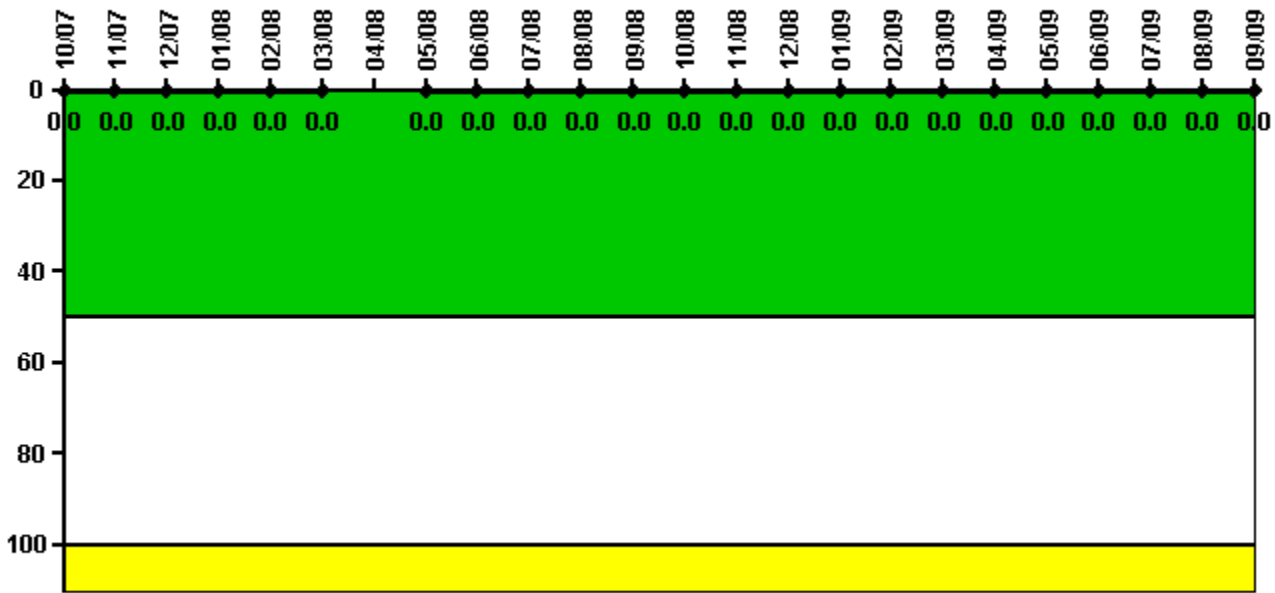
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	7.10E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	5.00E-09
URI (Δ CDF)	-1.10E-07	-1.00E-07	-1.00E-07	-1.30E-08	7.80E-08	7.90E-08	8.00E-08	1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.03E-07	-9.28E-08	-9.28E-08	-5.80E-09	8.52E-08	8.62E-08	8.72E-08	1.35E-07

Licensee Comments:

3Q/09: Changed PRA Parameter(s).

Reactor Coolant System Activity



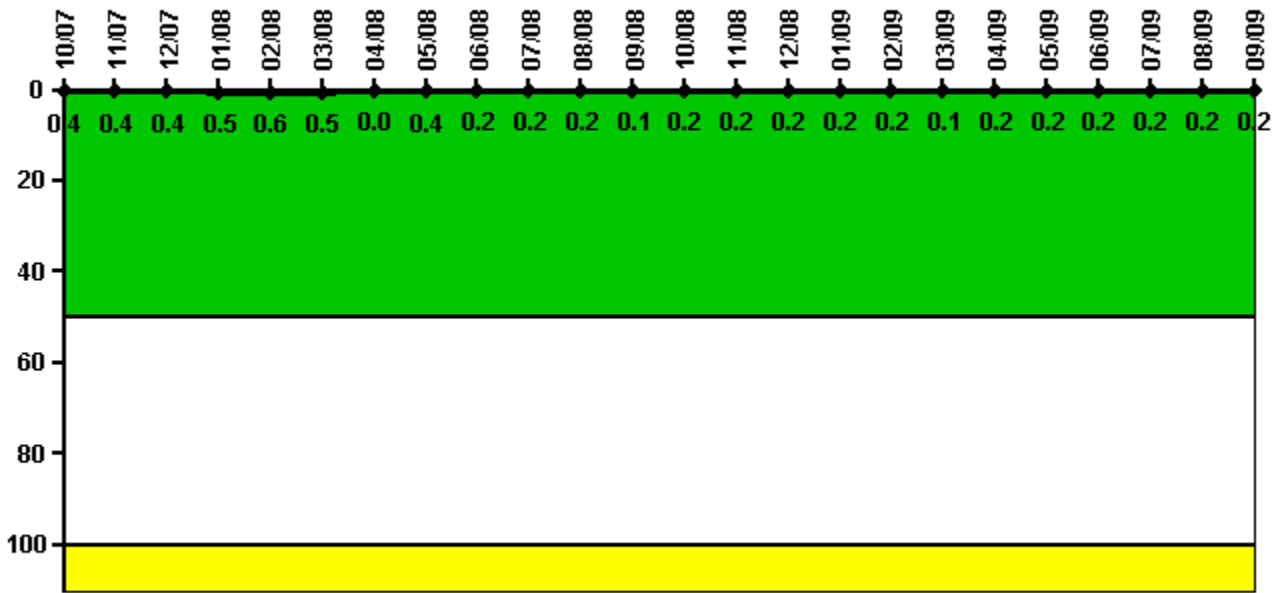
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000079	0.000084	0.000100	0.000120	0.000102	0.000148	N/A	0.000055	0.000057	0.000056	0.000066	0.000061
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0
Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

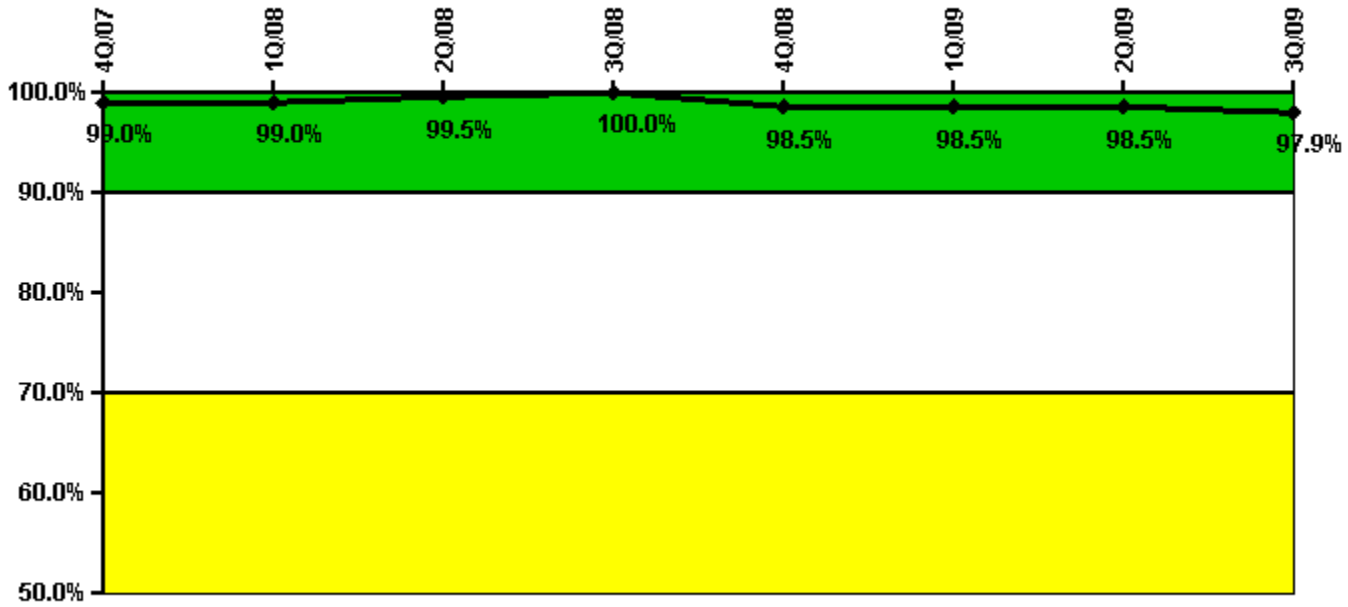
Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.036	0.039	0.039	0.045	0.057	0.053	0	0.039	0.018	0.017	0.015	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.5	0.6	0.5	0	0.4	0.2	0.2	0.2	0.1

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.015	0.017	0.016	0.016	0.019	0.014	0.019	0.017	0.016	0.017	0.016	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



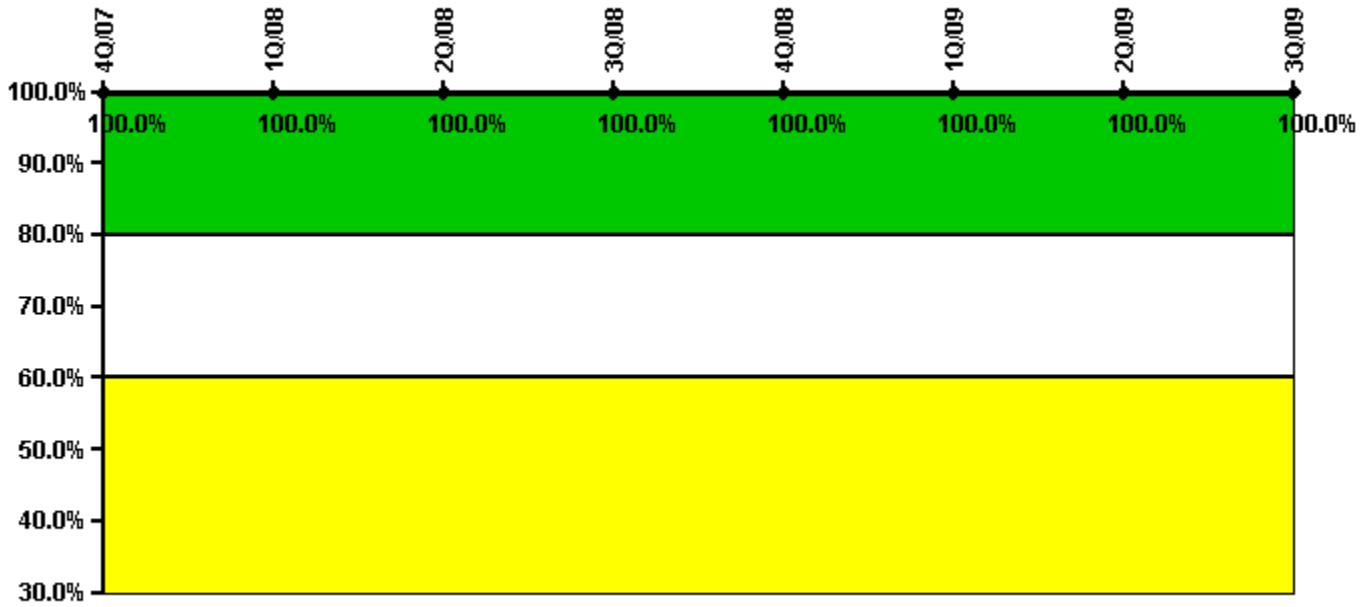
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	33.0	19.0	16.0	16.0	46.0	18.0	19.0	24.0
Total opportunities	33.0	19.0	16.0	16.0	49.0	18.0	19.0	25.0
Indicator value	99.0%	99.0%	99.5%	100.0%	98.5%	98.5%	98.5%	97.9%

Licensee Comments: none

ERO Drill Participation



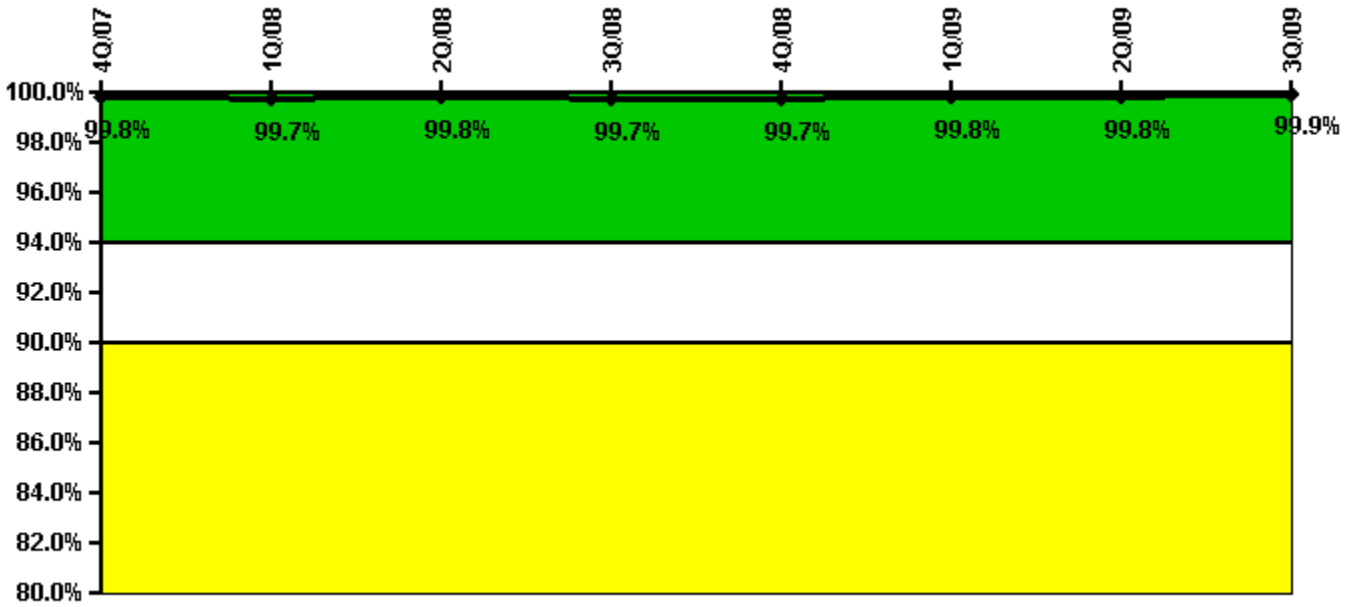
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	83.0	82.0	81.0	81.0	83.0	84.0	84.0	87.0
Total Key personnel	83.0	82.0	81.0	81.0	83.0	84.0	84.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



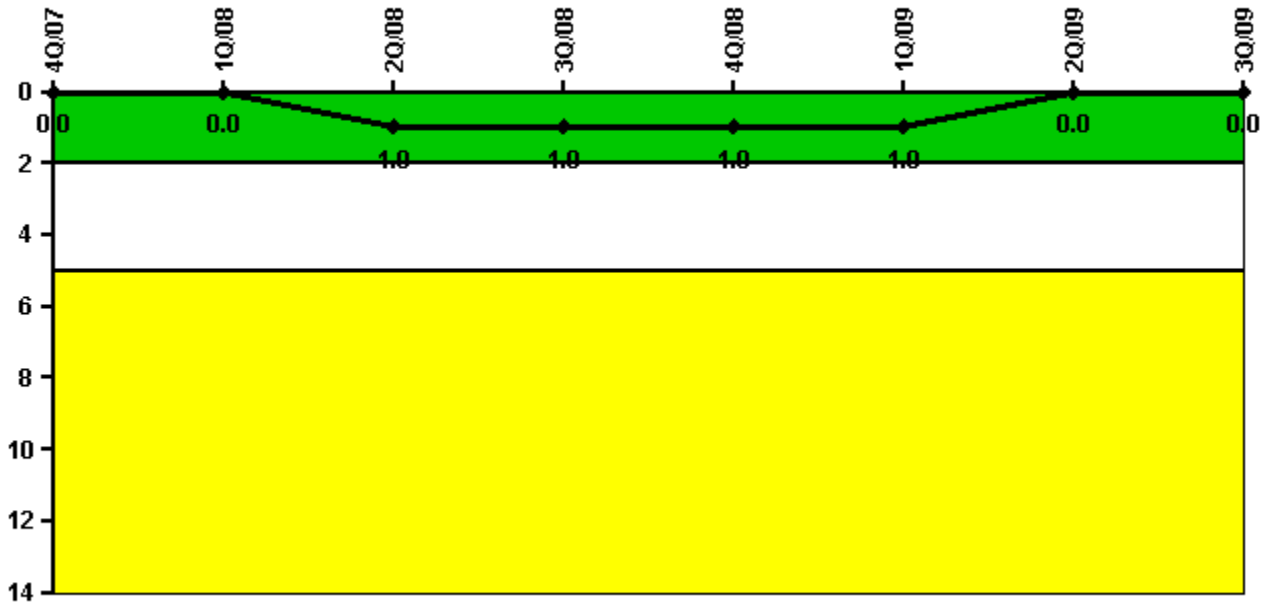
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	724	845	725	843	725	846	726	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



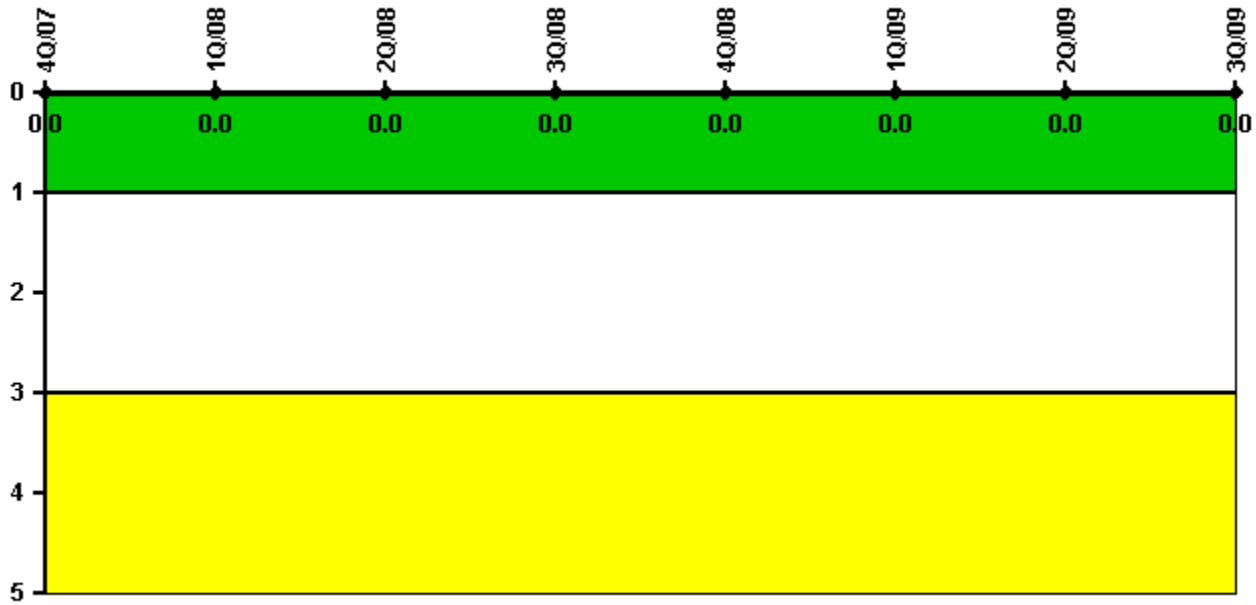
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

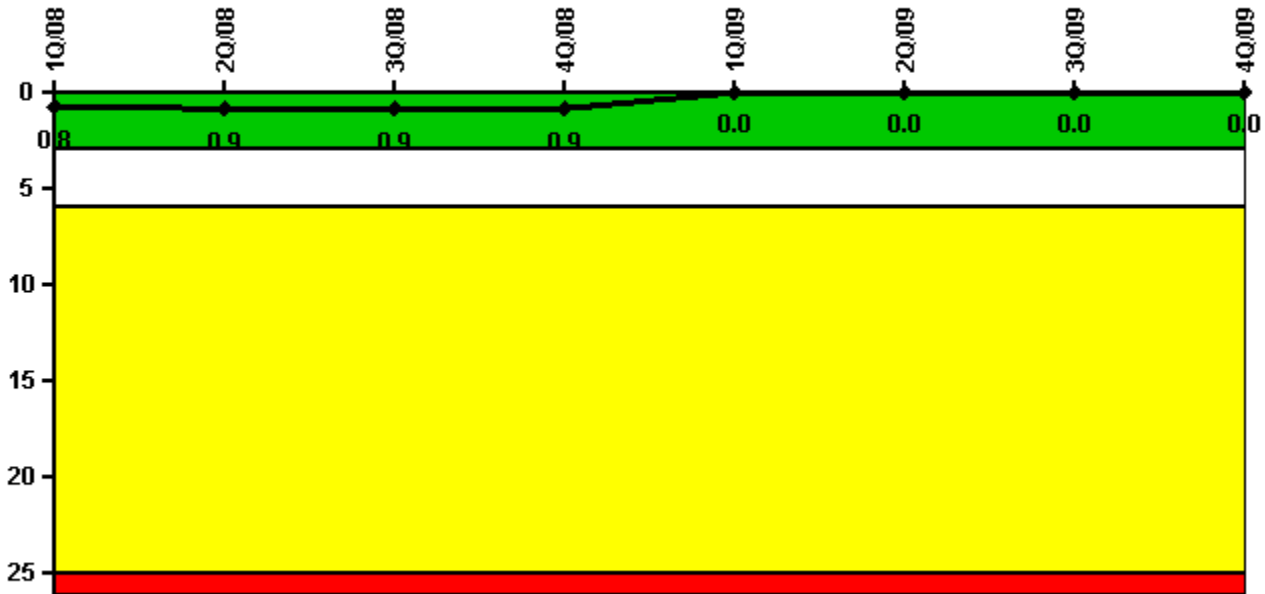
[Security](#) information not publicly available.

Seabrook 1

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



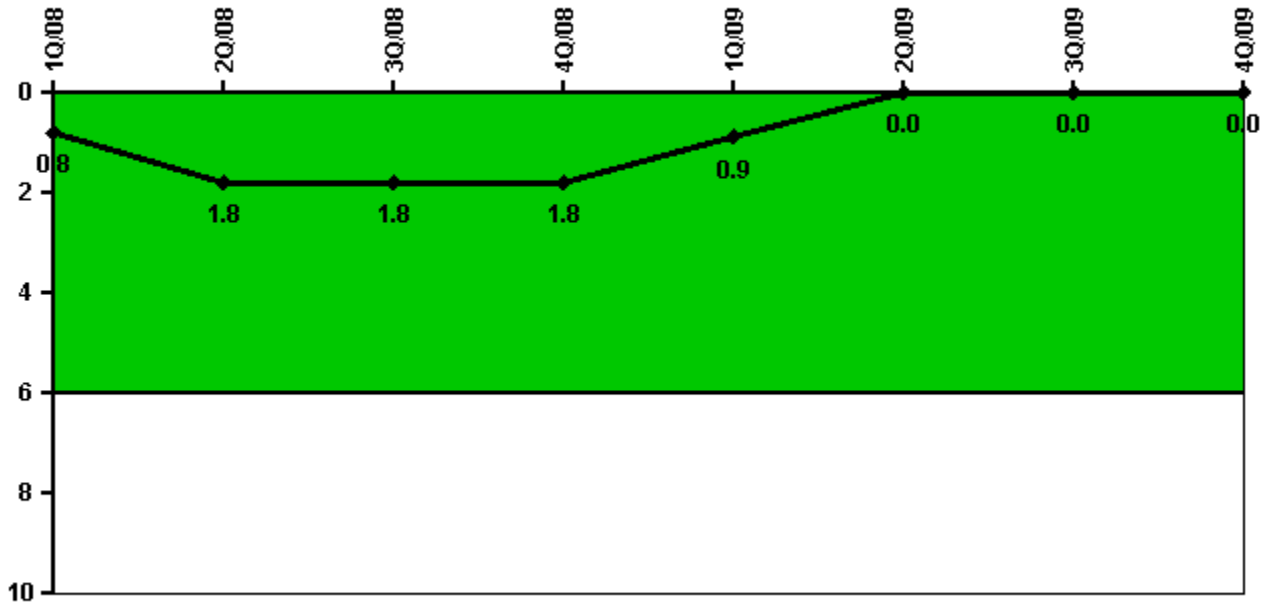
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9
Indicator value	0.8	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



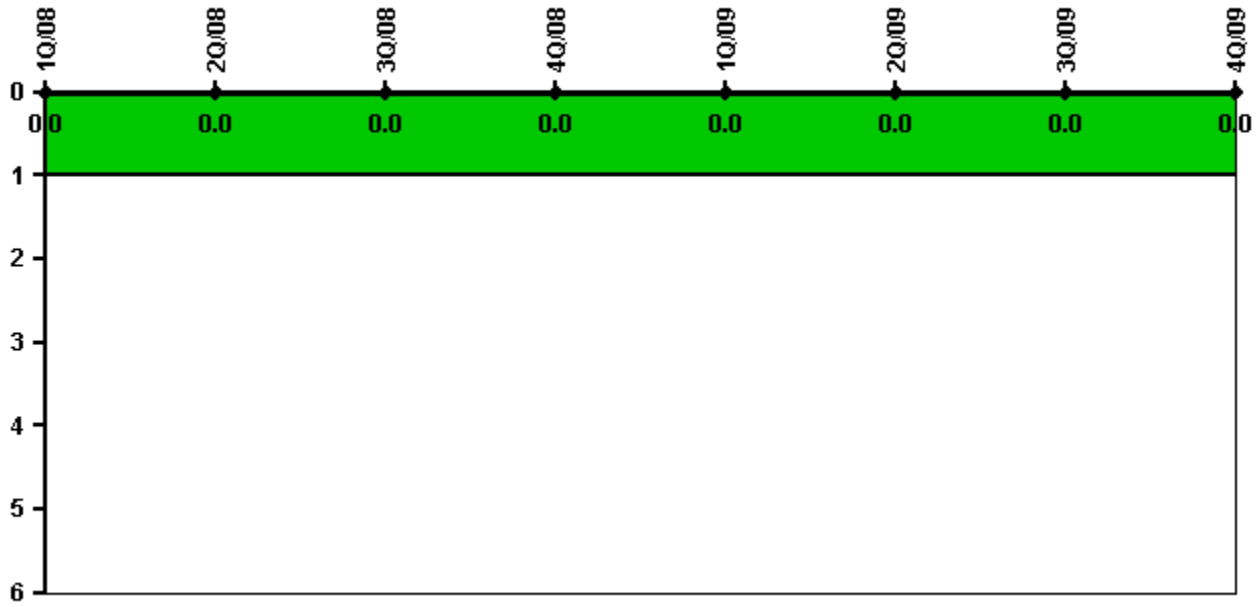
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	1914.0	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9
Indicator value	0.8	1.8	1.8	1.8	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



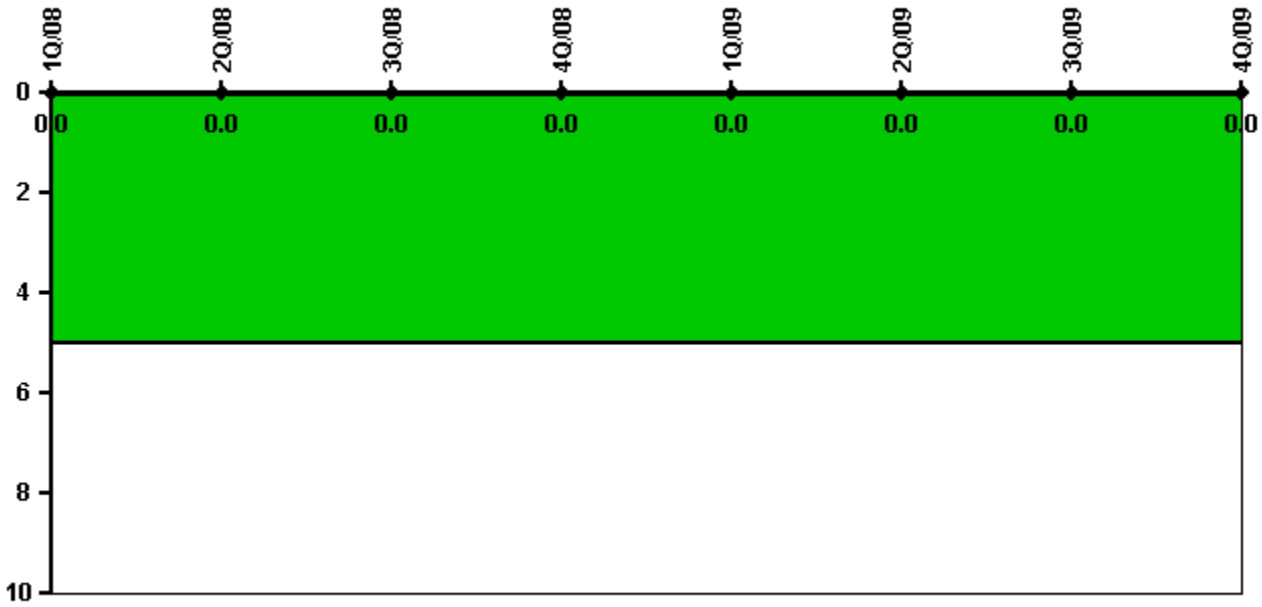
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



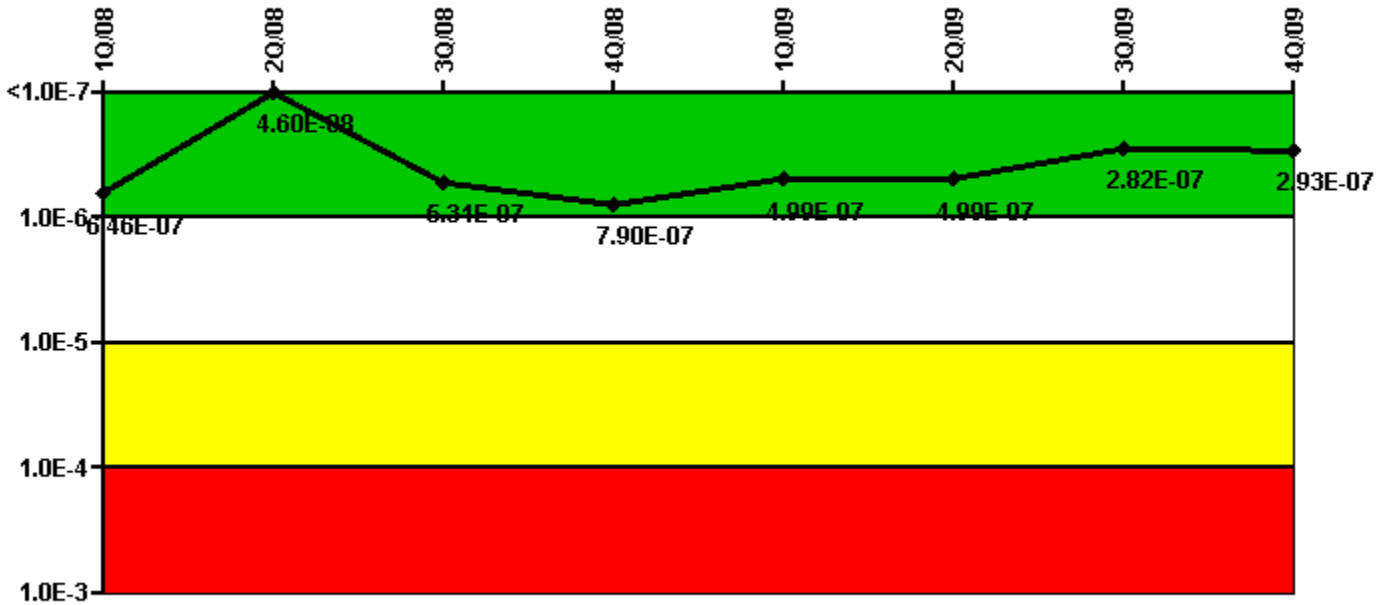
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



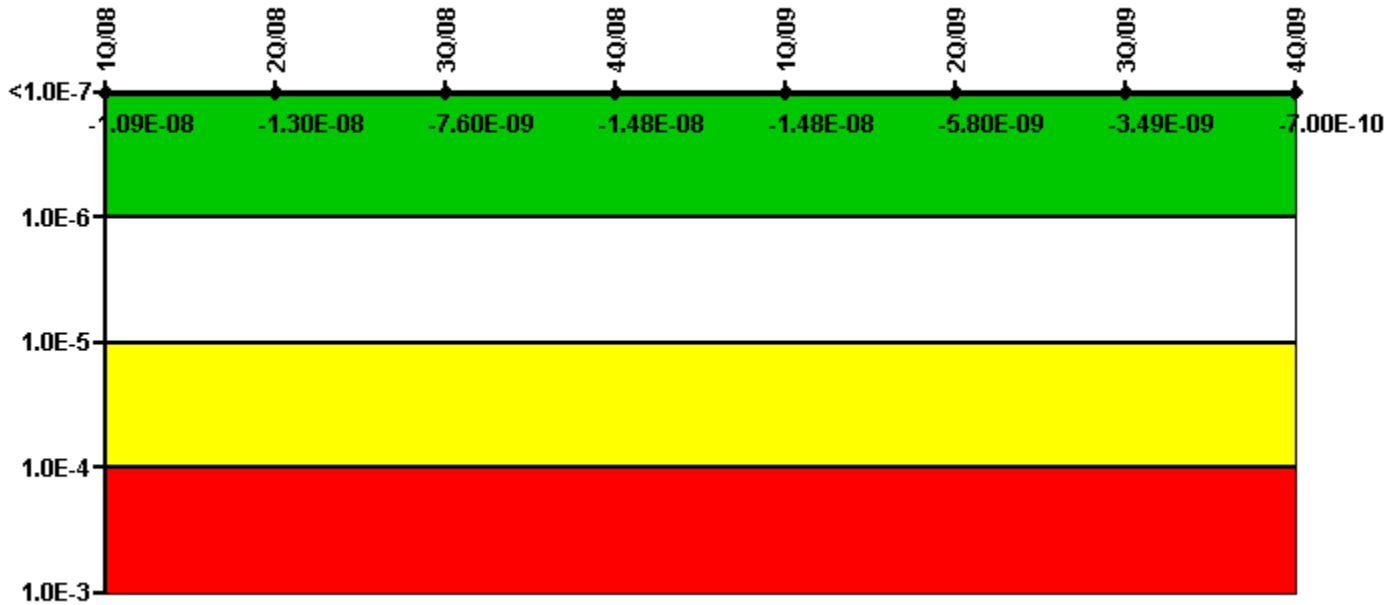
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-7.40E-08	-7.40E-08	-5.90E-08	-7.00E-08	9.00E-09	9.00E-09	2.40E-09	2.90E-09
URI (Δ CDF)	7.20E-07	1.20E-07	5.90E-07	8.60E-07	4.90E-07	4.90E-07	2.80E-07	2.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.46E-07	4.60E-08	5.31E-07	7.90E-07	4.99E-07	4.99E-07	2.82E-07	2.93E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



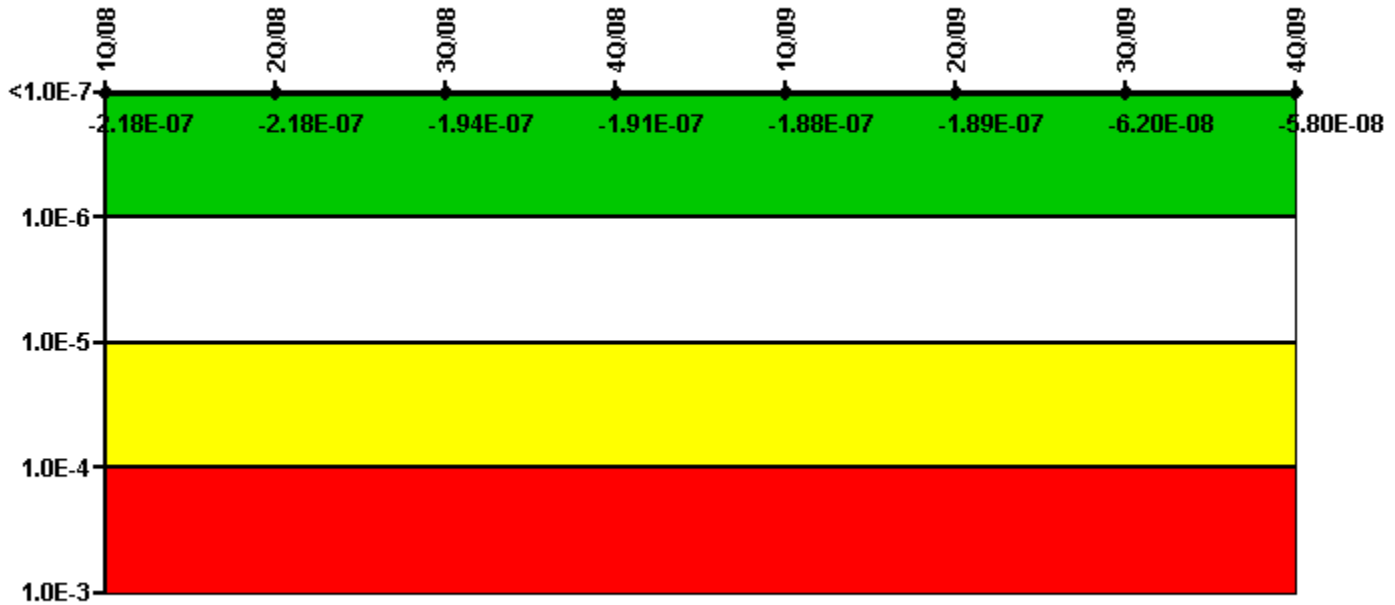
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-1.90E-09	-4.20E-09	1.10E-09	-6.00E-09	-6.00E-09	3.10E-09	1.10E-10	3.20E-09
URI (Δ CDF)	-9.00E-09	-8.80E-09	-8.70E-09	-8.80E-09	-8.80E-09	-8.90E-09	-3.60E-09	-3.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.09E-08	-1.30E-08	-7.60E-09	-1.48E-08	-1.48E-08	-5.80E-09	-3.49E-09	-7.00E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



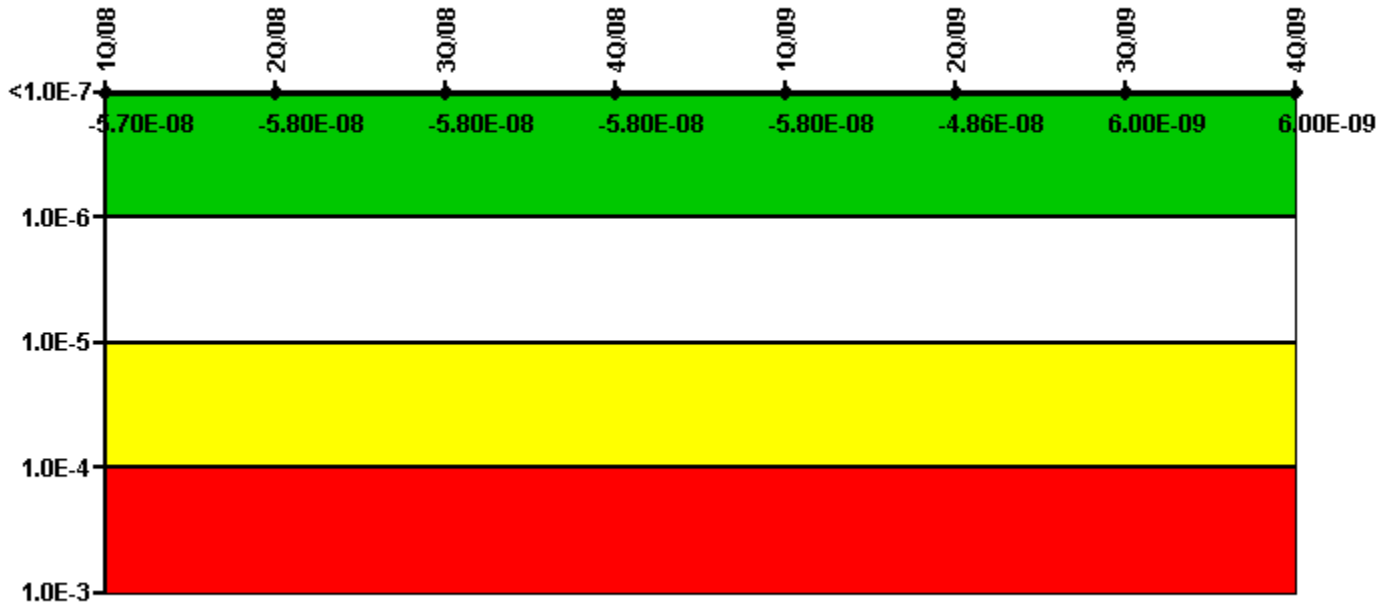
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-8.80E-08	-8.80E-08	-6.40E-08	-6.10E-08	-5.80E-08	-5.90E-08	-1.40E-08	-1.10E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-4.80E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.18E-07	-2.18E-07	-1.94E-07	-1.91E-07	-1.88E-07	-1.89E-07	-6.20E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



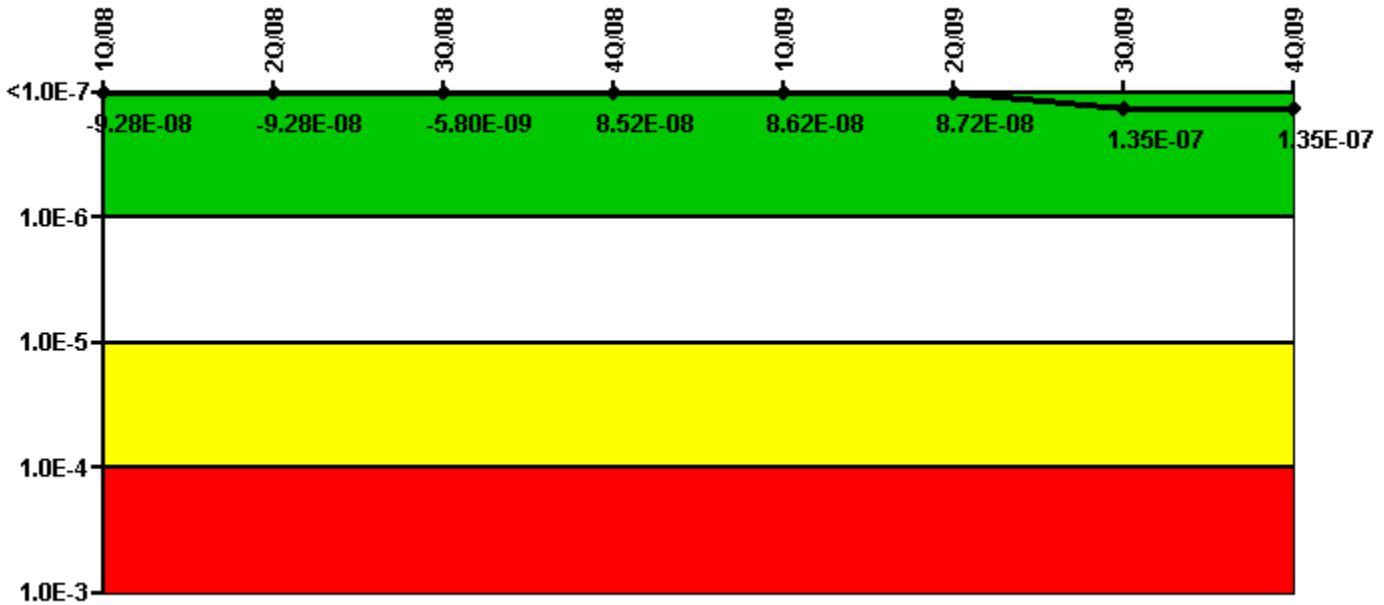
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-5.60E-10	3.50E-08	3.50E-08
URI (Δ CDF)	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.80E-08	-2.90E-08	-2.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.80E-08	-5.80E-08	-5.80E-08	-5.80E-08	-4.86E-08	6.00E-09	6.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



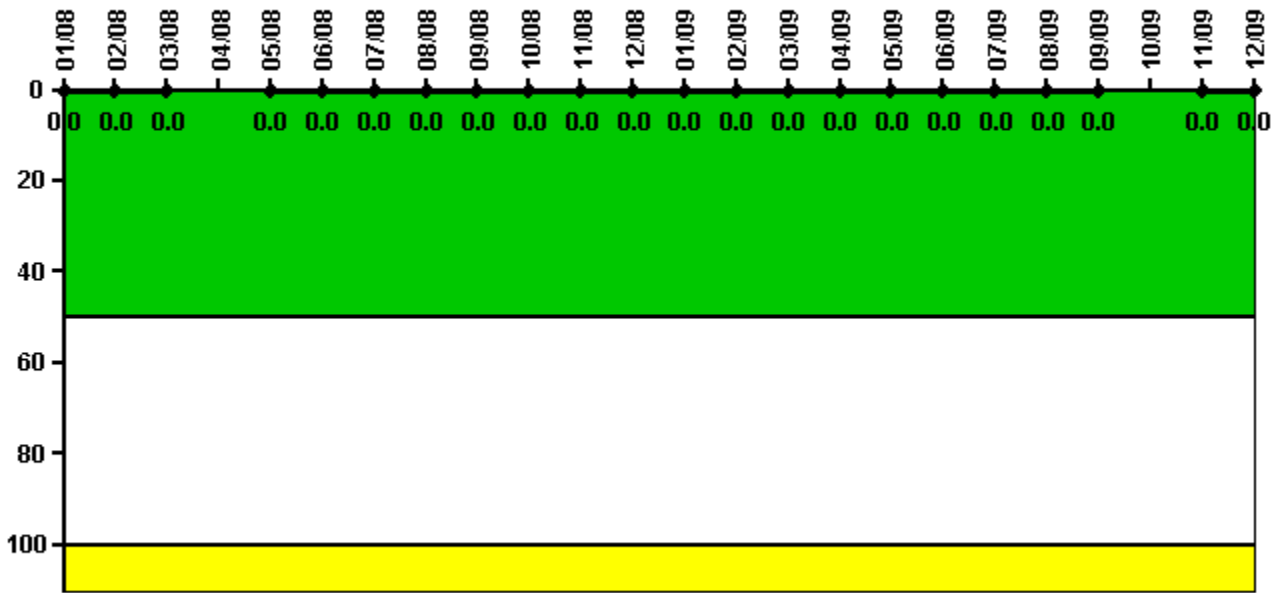
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	5.00E-09	5.00E-09
URI (Δ CDF)	-1.00E-07	-1.00E-07	-1.30E-08	7.80E-08	7.90E-08	8.00E-08	1.30E-07	1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.28E-08	-9.28E-08	-5.80E-09	8.52E-08	8.62E-08	8.72E-08	1.35E-07	1.35E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

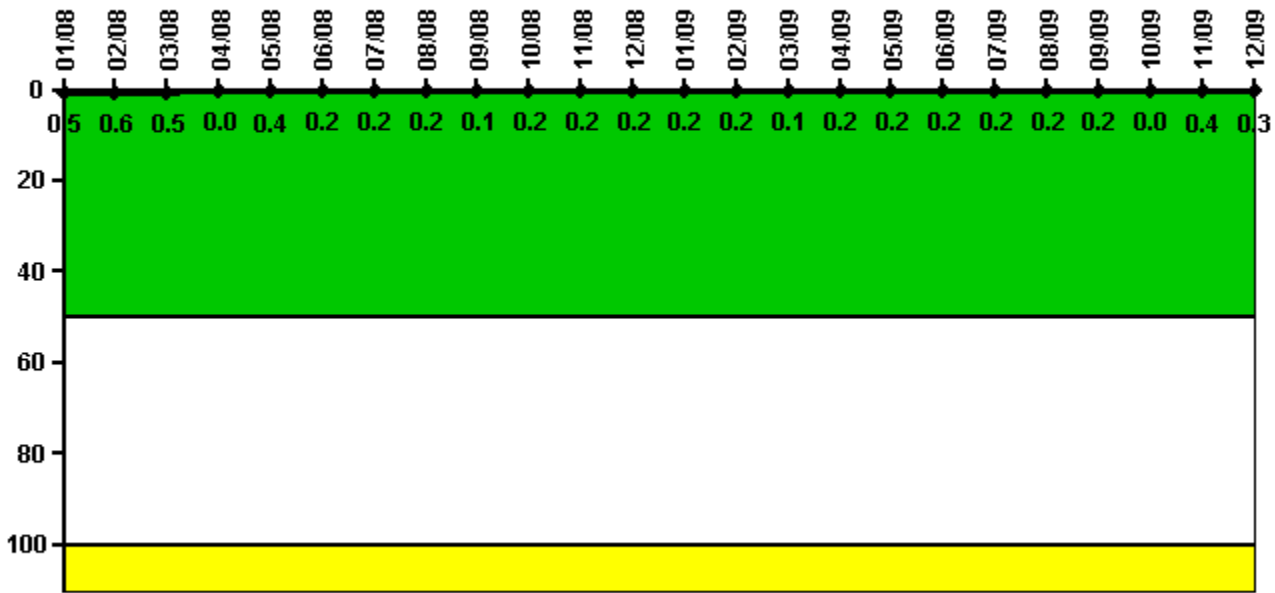
Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000120	0.000102	0.000148	N/A	0.000055	0.000057	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125	N/A	0.000023	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments:

12/09: RCSA was not required to be calculated in October 2009 as the unit was in a refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

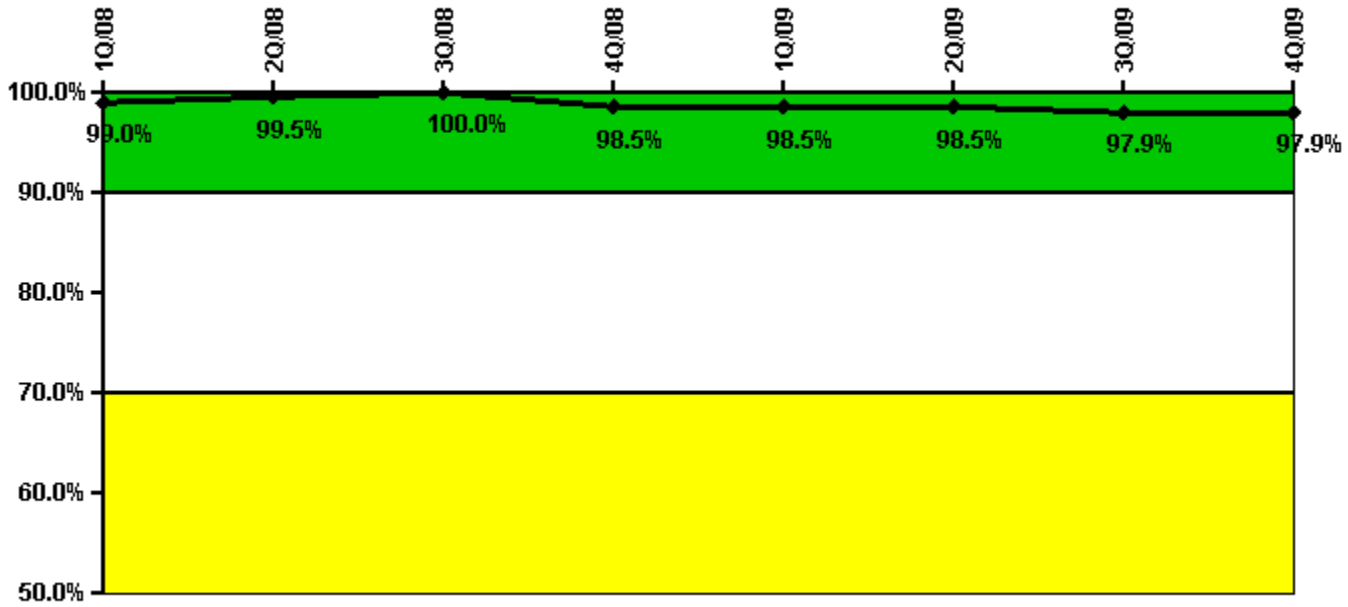
Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.045	0.057	0.053	0	0.039	0.018	0.017	0.015	0.013	0.015	0.017	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.5	0	0.4	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.016	0.019	0.014	0.019	0.017	0.016	0.017	0.016	0.015	0	0.035	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0	0.4	0.3

Licensee Comments:

12/09: RCSL is 0 for October 2009 as the unit was in a refueling outage.

Drill/Exercise Performance



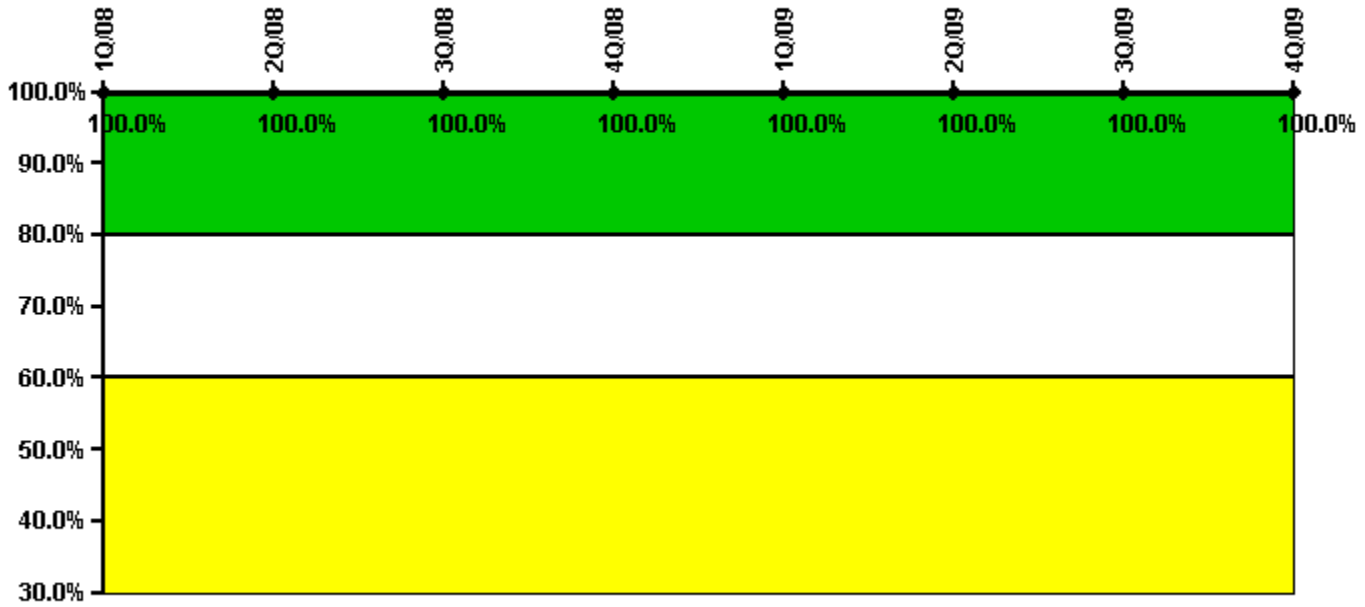
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	19.0	16.0	16.0	46.0	18.0	19.0	24.0	26.0
Total opportunities	19.0	16.0	16.0	49.0	18.0	19.0	25.0	26.0
Indicator value	99.0%	99.5%	100.0%	98.5%	98.5%	98.5%	97.9%	97.9%

Licensee Comments: none

ERO Drill Participation



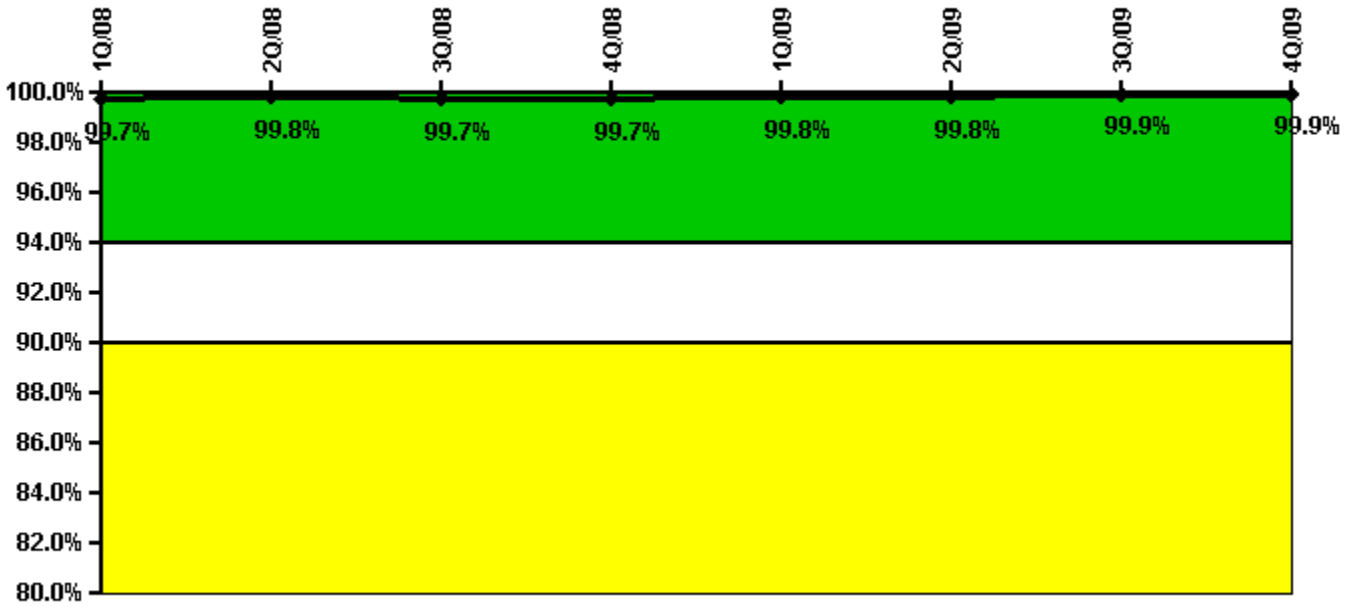
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	82.0	81.0	81.0	83.0	84.0	84.0	87.0	82.0
Total Key personnel	82.0	81.0	81.0	83.0	84.0	84.0	87.0	82.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



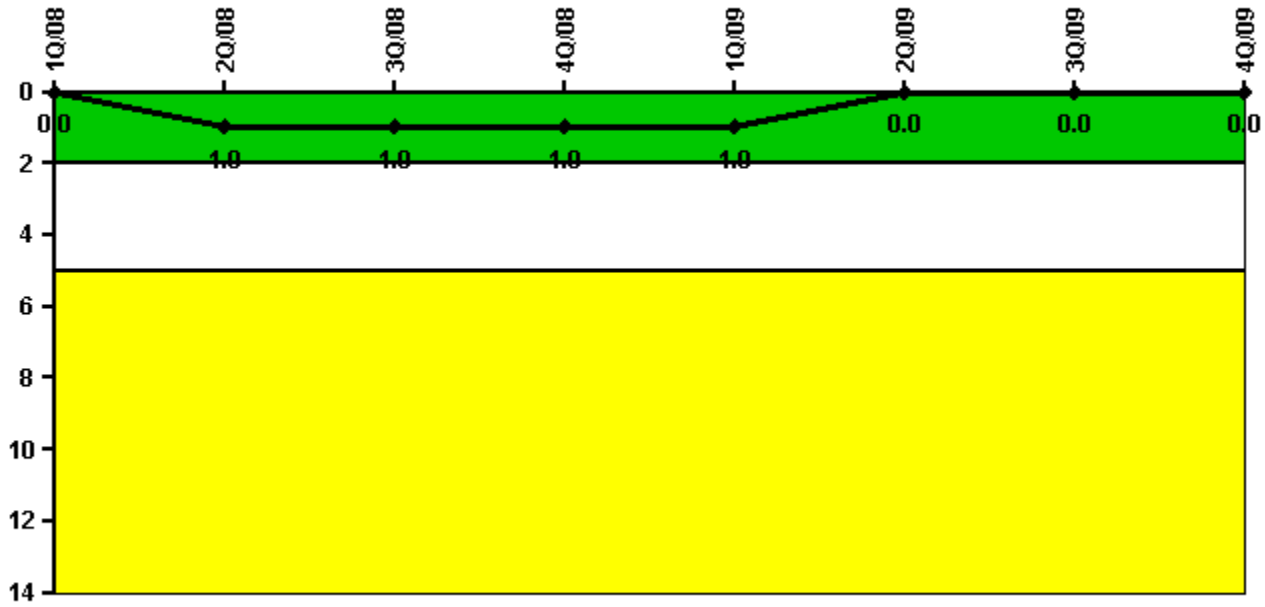
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	845	725	843	725	846	726	846	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.7%	99.8%	99.7%	99.7%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



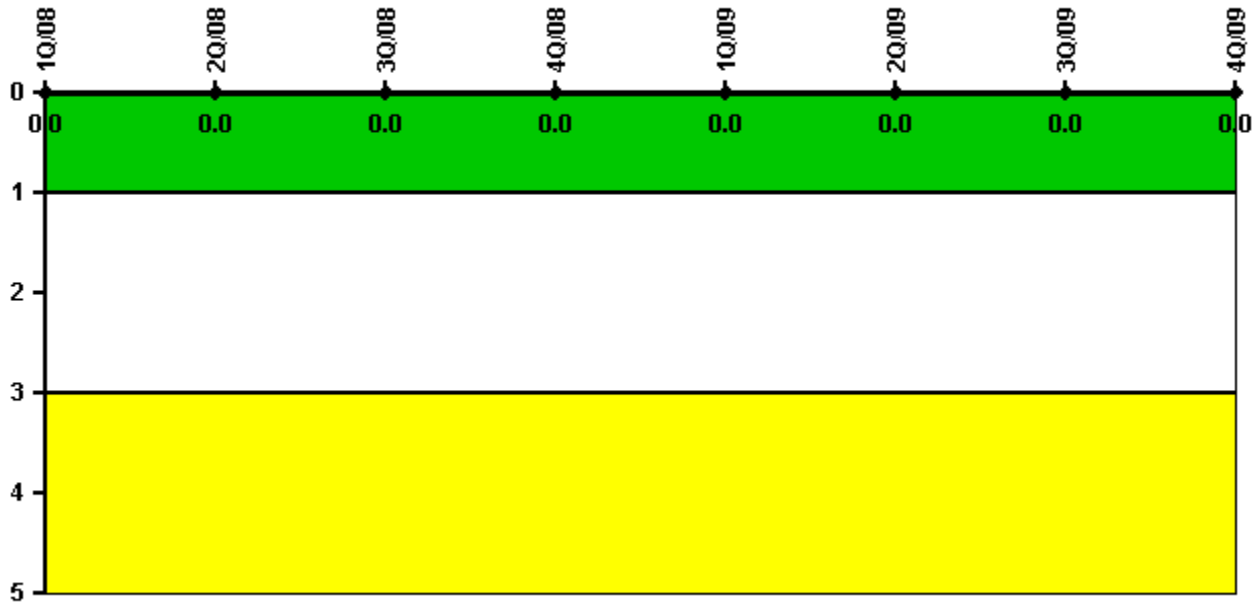
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

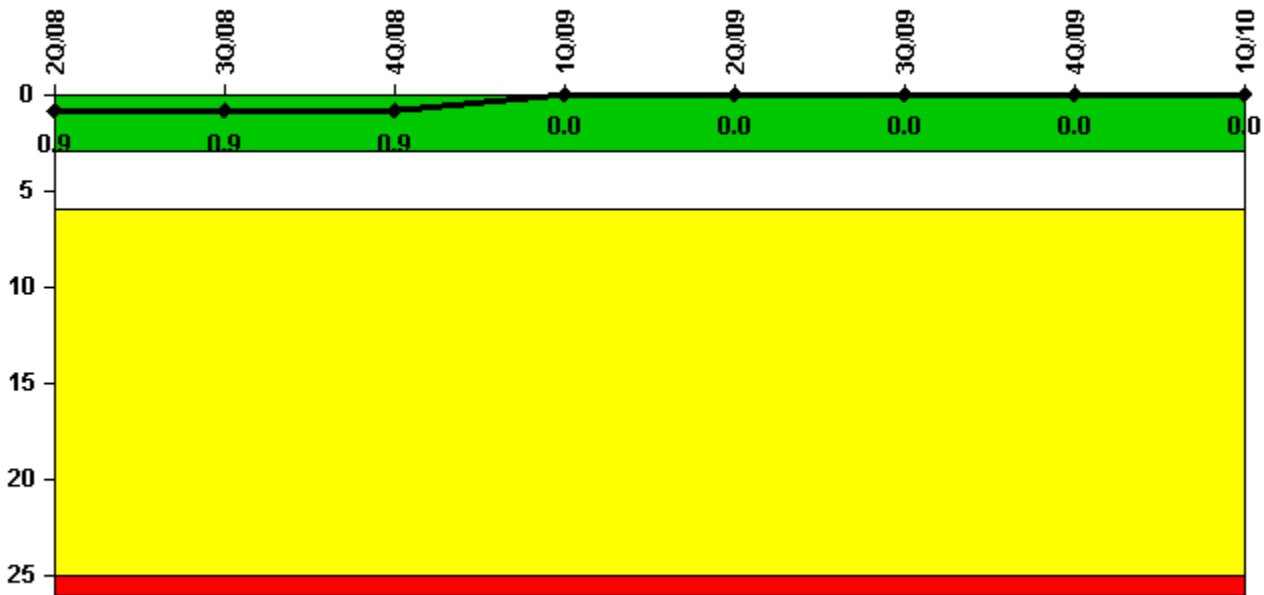
[Security](#) information not publicly available.

Seabrook 1

1Q/2010 Performance Indicators

Licensee's General Comments: A change file is being submitted for EP01 for Q3/2009 to add a drill opportunity. Change is due to a misplaced form being located. The addition of 1 opportunity did not change the color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



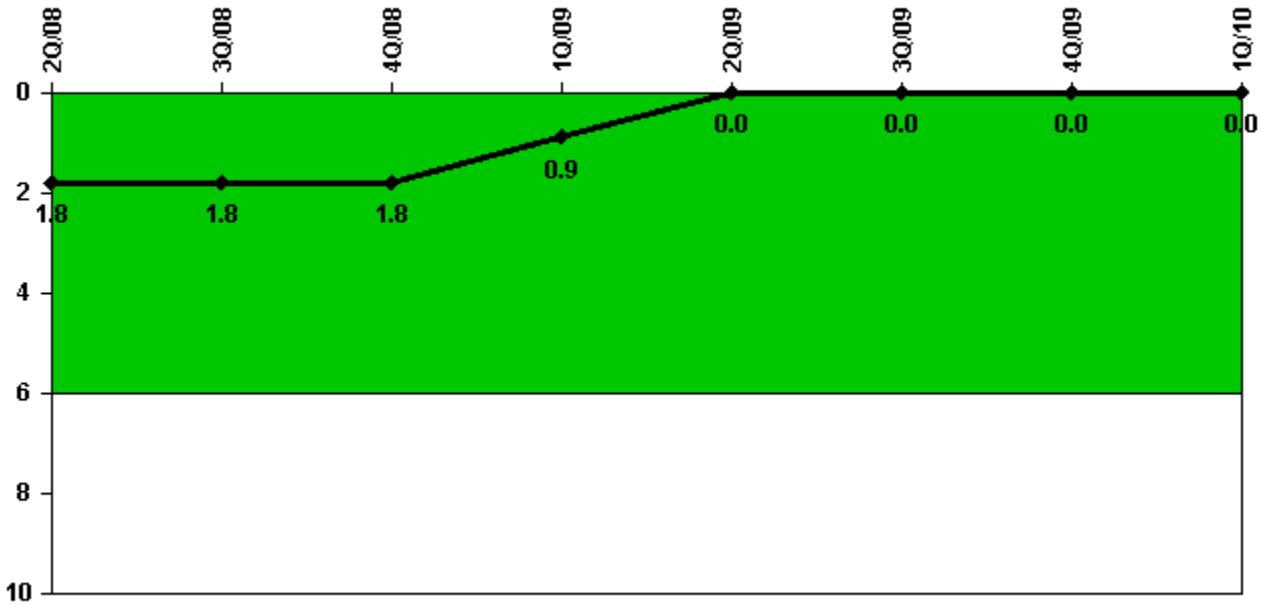
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



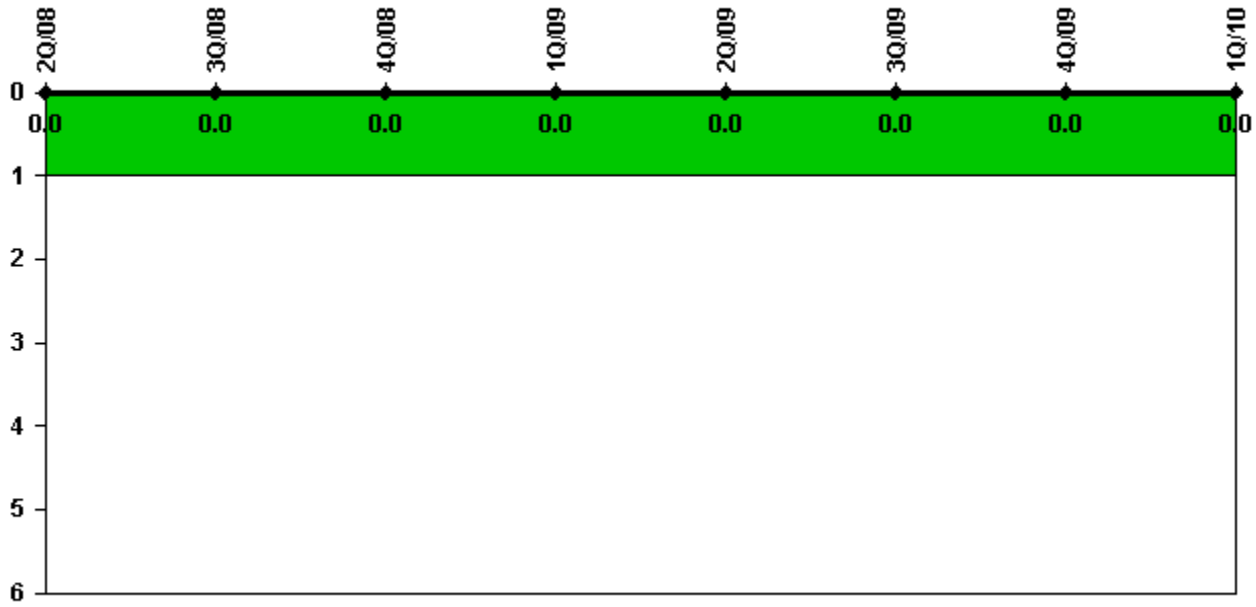
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1305.4	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0
Indicator value	1.8	1.8	1.8	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



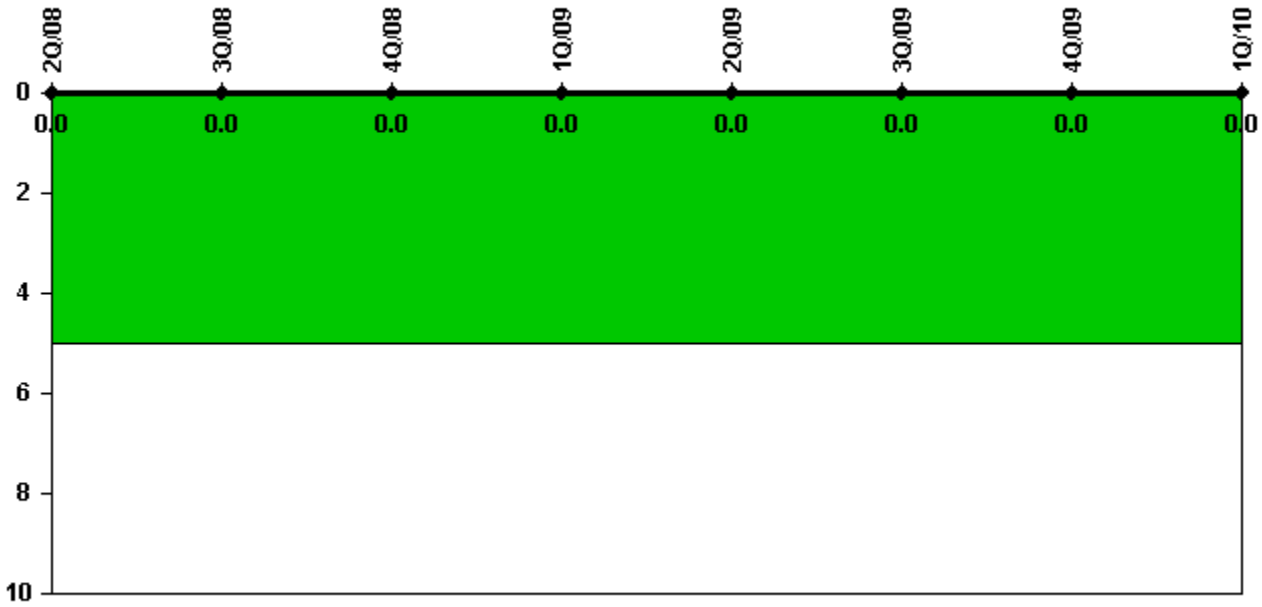
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



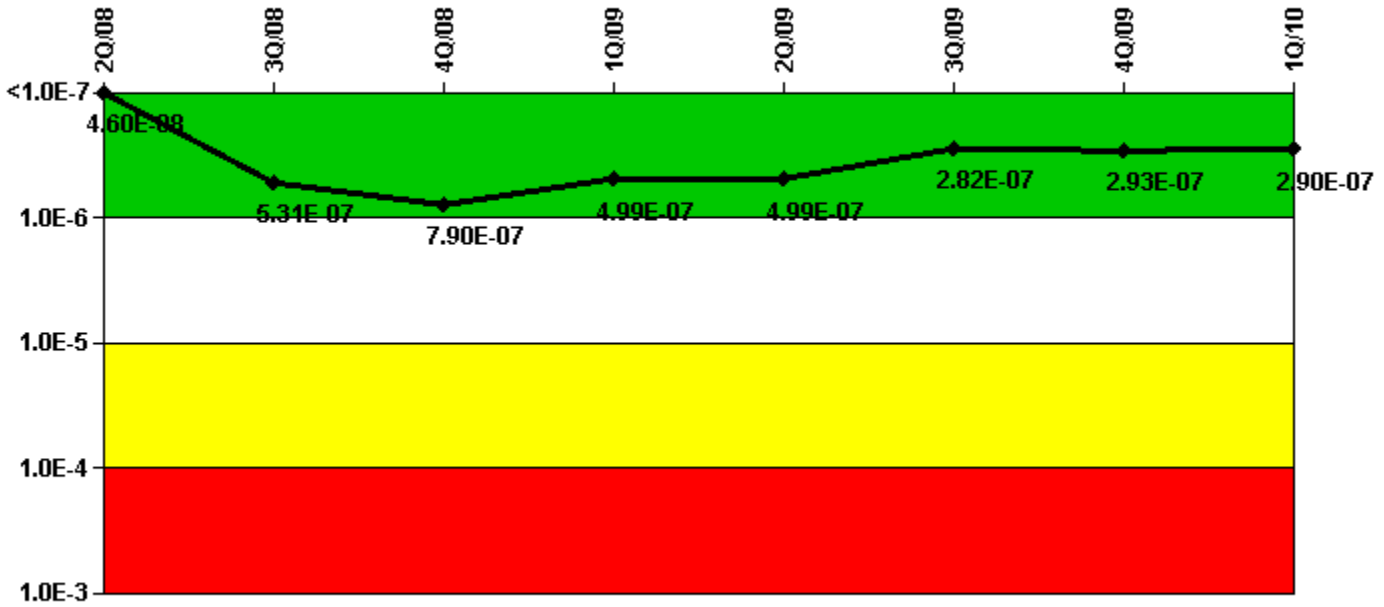
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



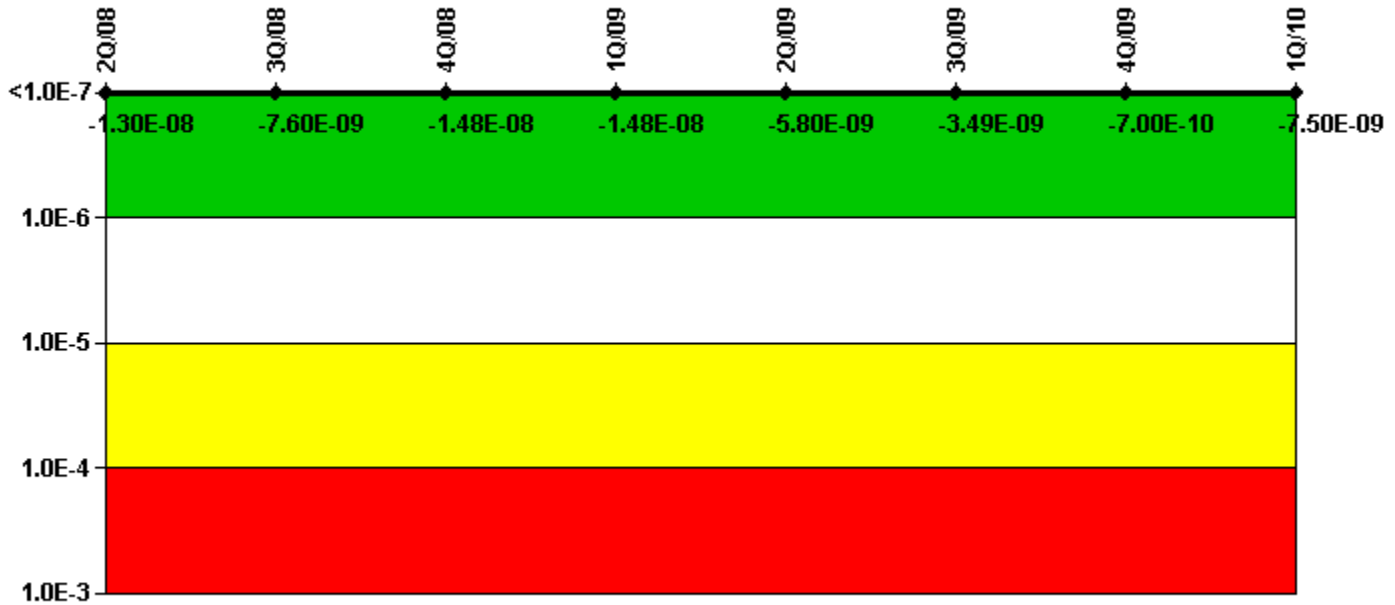
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	$-7.40E-08$	$-5.90E-08$	$-7.00E-08$	$9.00E-09$	$9.00E-09$	$2.40E-09$	$2.90E-09$	$2.89E-09$
URI (Δ CDF)	$1.20E-07$	$5.90E-07$	$8.60E-07$	$4.90E-07$	$4.90E-07$	$2.80E-07$	$2.90E-07$	$2.86E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$4.60E-08$	$5.31E-07$	$7.90E-07$	$4.99E-07$	$4.99E-07$	$2.82E-07$	$2.93E-07$	$2.90E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



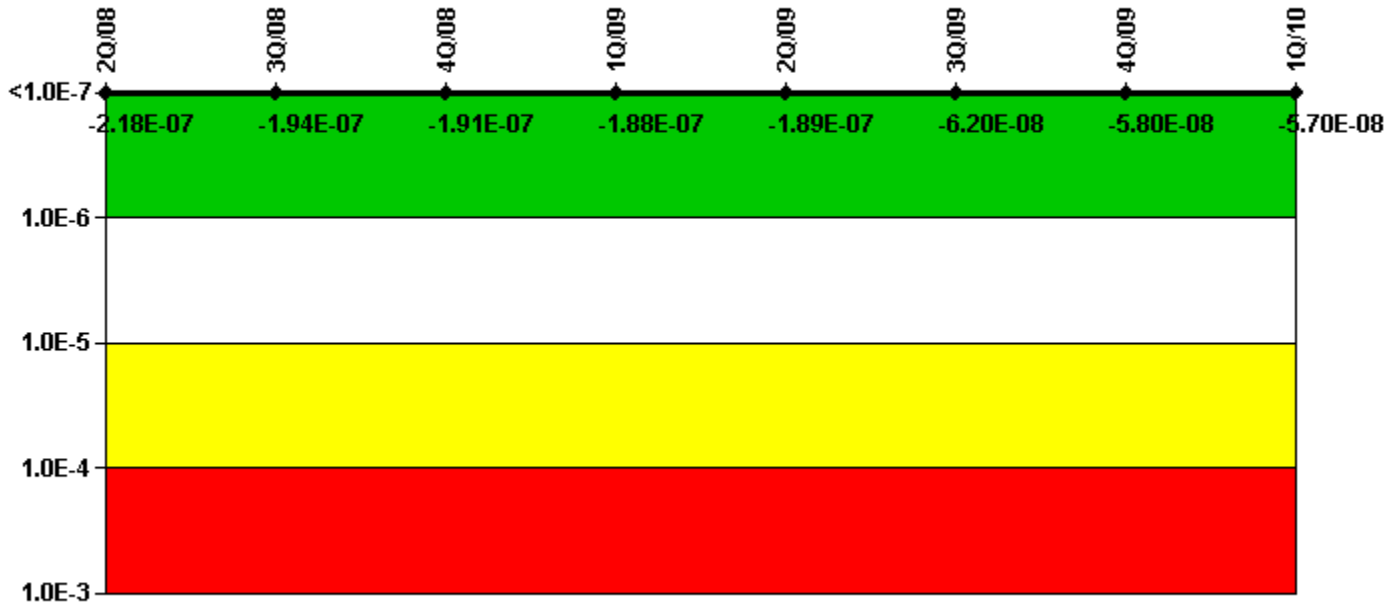
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.20E-09	1.10E-09	-6.00E-09	-6.00E-09	3.10E-09	1.10E-10	3.20E-09	-3.59E-09
URI (Δ CDF)	-8.80E-09	-8.70E-09	-8.80E-09	-8.80E-09	-8.90E-09	-3.60E-09	-3.90E-09	-3.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-7.60E-09	-1.48E-08	-1.48E-08	-5.80E-09	-3.49E-09	-7.00E-10	-7.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



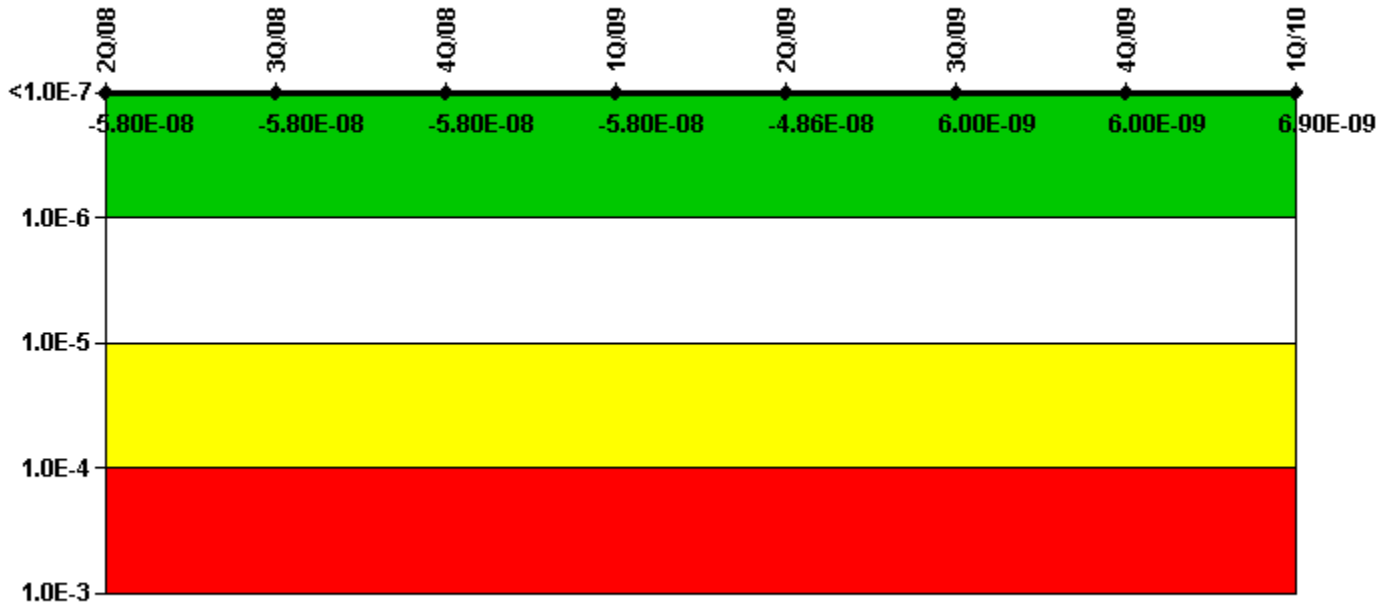
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-8.80E-08	-6.40E-08	-6.10E-08	-5.80E-08	-5.90E-08	-1.40E-08	-1.10E-08	-1.01E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-4.80E-08	-4.70E-08	-4.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.18E-07	-1.94E-07	-1.91E-07	-1.88E-07	-1.89E-07	-6.20E-08	-5.80E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



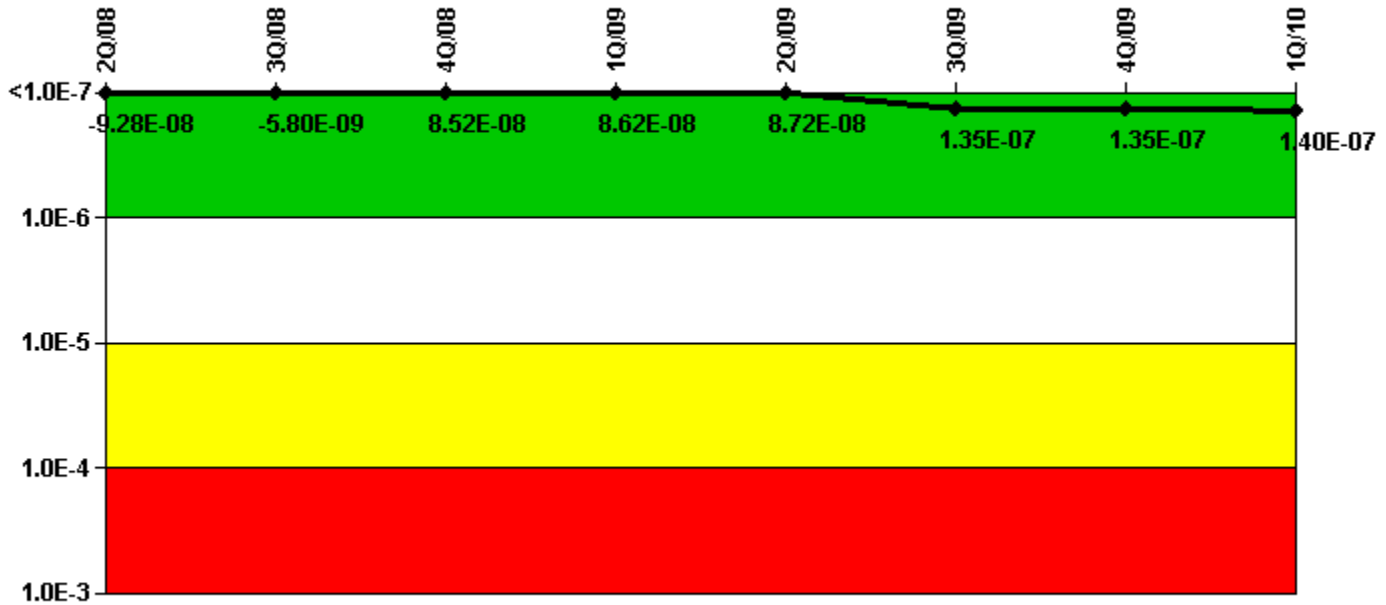
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-5.60E-10	3.50E-08	3.50E-08	3.61E-08
URI (Δ CDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.80E-08	-2.90E-08	-2.90E-08	-2.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.80E-08	-5.80E-08	-5.80E-08	-4.86E-08	6.00E-09	6.00E-09	6.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



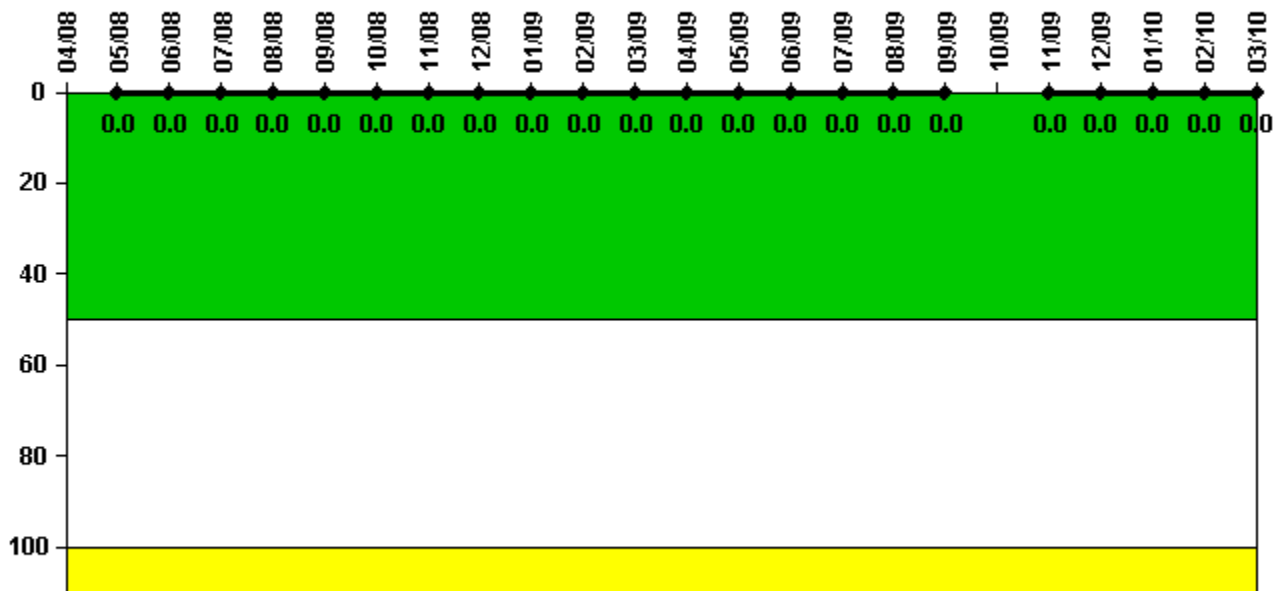
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	7.20E-09	7.20E-09	7.20E-09	7.20E-09	7.20E-09	5.00E-09	5.00E-09	5.46E-09
URI (Δ CDF)	-1.00E-07	-1.30E-08	7.80E-08	7.90E-08	8.00E-08	1.30E-07	1.30E-07	1.31E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.28E-08	-5.80E-09	8.52E-08	8.62E-08	8.72E-08	1.35E-07	1.35E-07	1.40E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

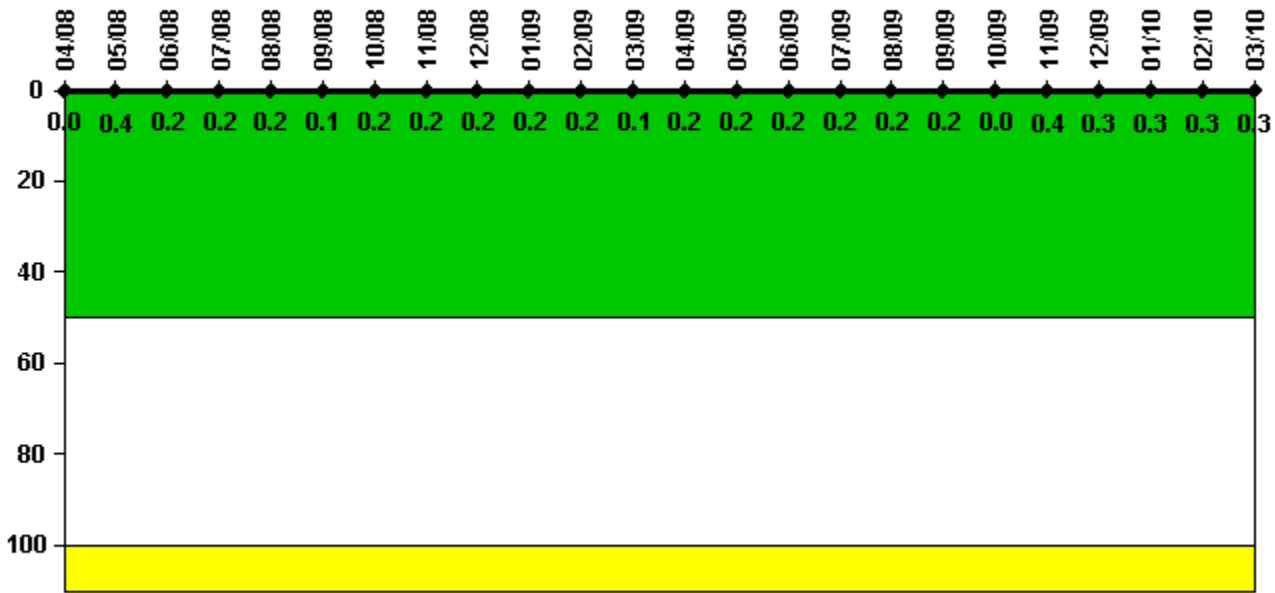
Notes

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	N/A	0.000055	0.000057	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125	N/A	0.000023	0.000054	0.000053	0.000067	0.000068
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



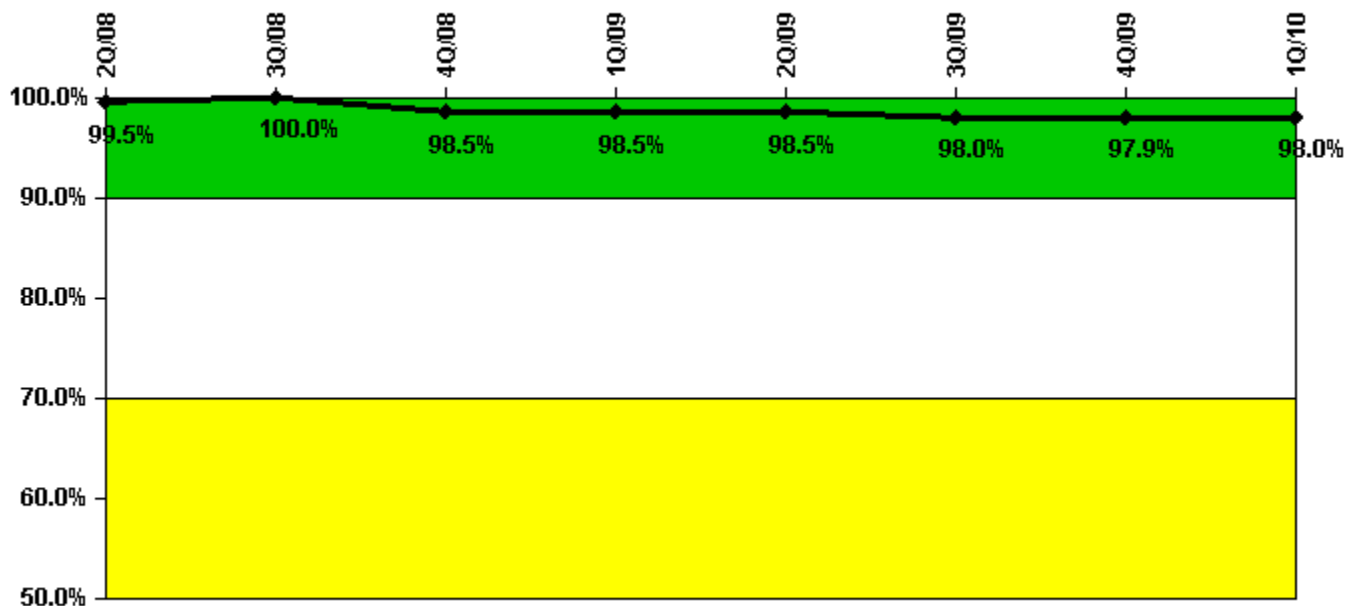
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0	0.039	0.018	0.017	0.015	0.013	0.015	0.017	0.016	0.016	0.019	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1
Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.019	0.017	0.016	0.017	0.016	0.015	0	0.035	0.029	0.028	0.032	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

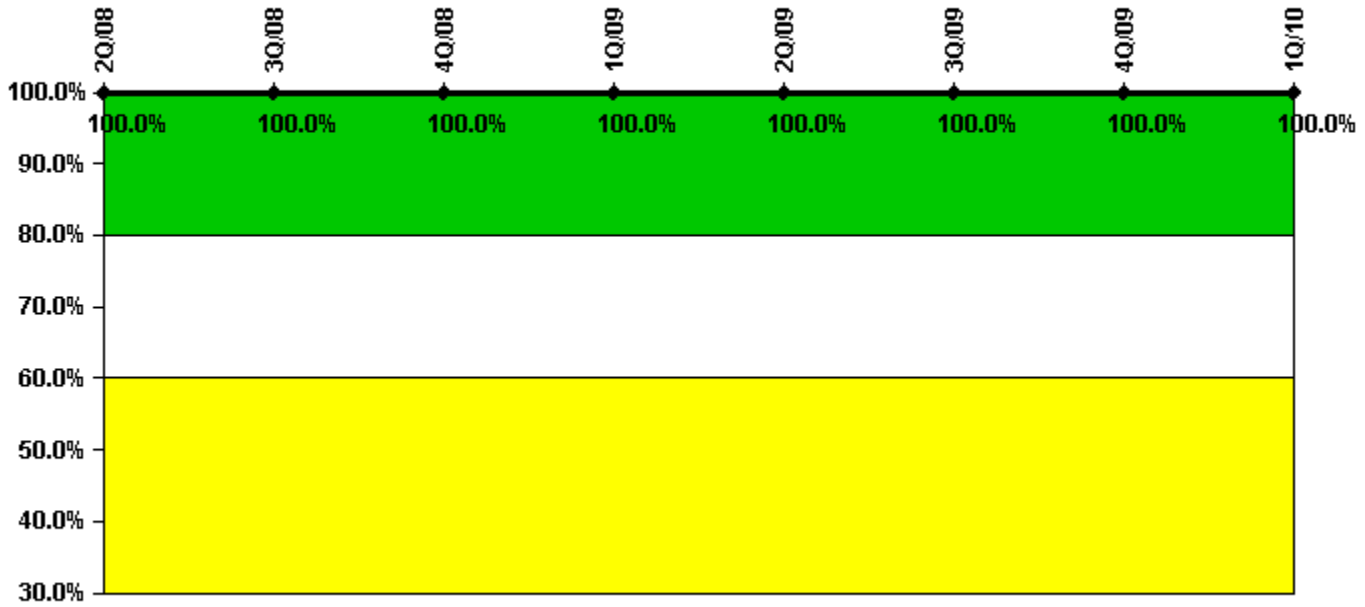
Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	16.0	16.0	46.0	18.0	19.0	25.0	26.0	28.0
Total opportunities	16.0	16.0	49.0	18.0	19.0	26.0	26.0	28.0
Indicator value	99.5%	100.0%	98.5%	98.5%	98.5%	98.0%	97.9%	98.0%

Licensee Comments:

3Q/09: Added an opportunity for performance as Short Term Emergency Director for 7/2/2009. Form documenting this performance had been misplaced.

ERO Drill Participation



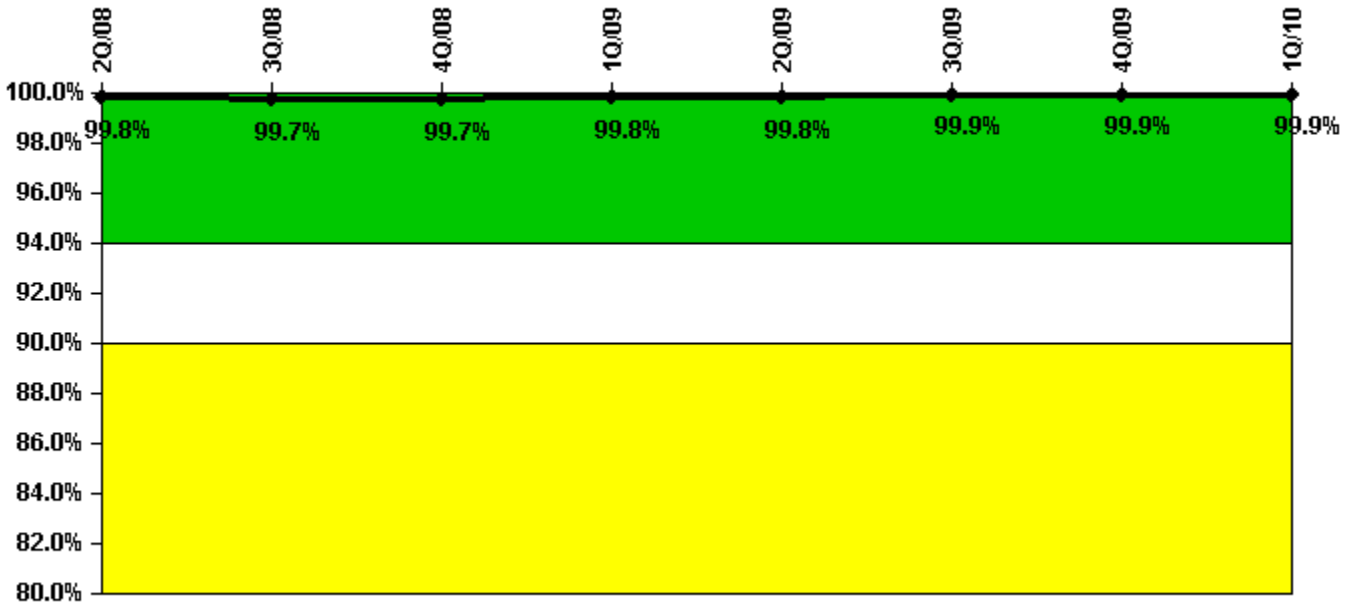
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	81.0	81.0	83.0	84.0	84.0	87.0	82.0	84.0
Total Key personnel	81.0	81.0	83.0	84.0	84.0	87.0	82.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



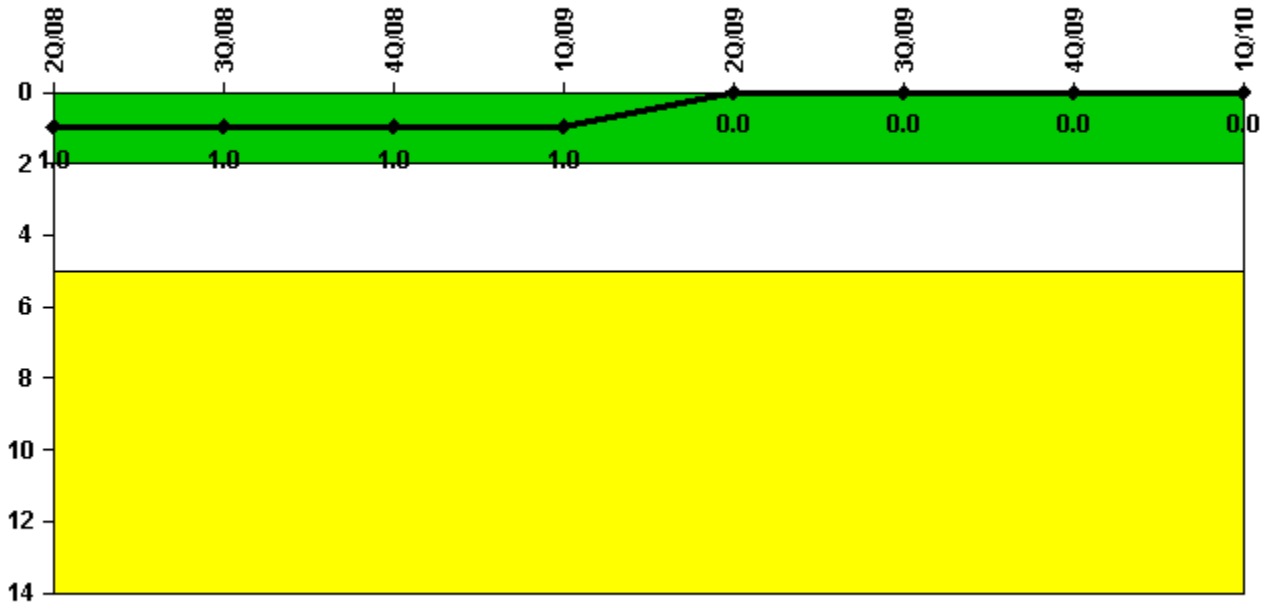
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	725	843	725	846	726	846	725	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.8%	99.7%	99.7%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



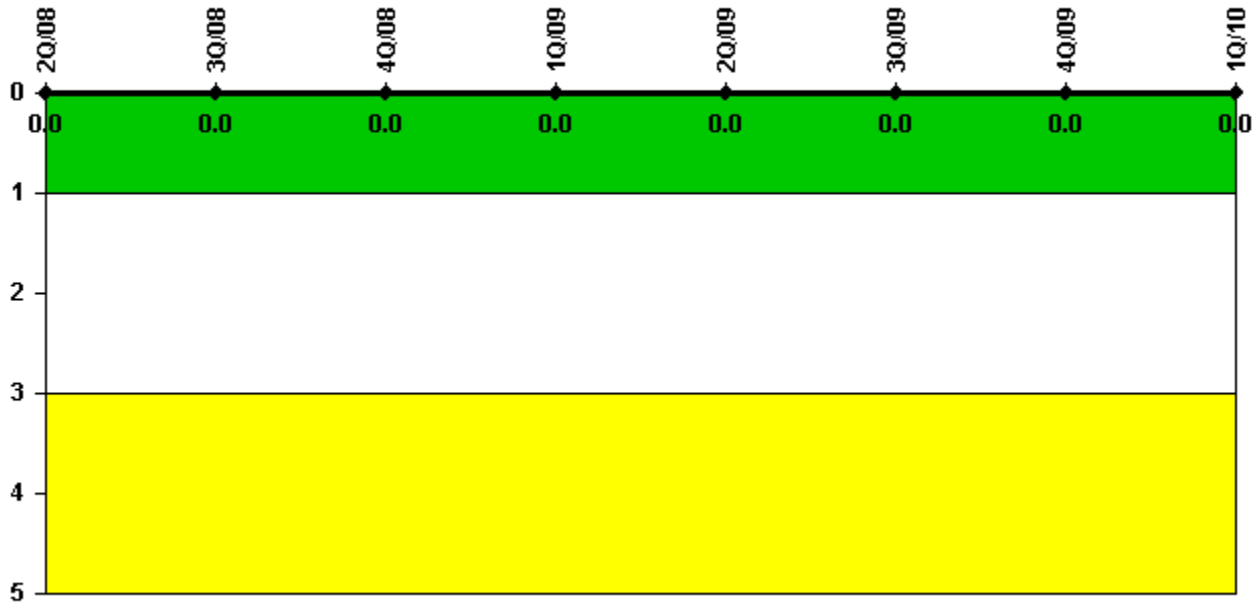
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

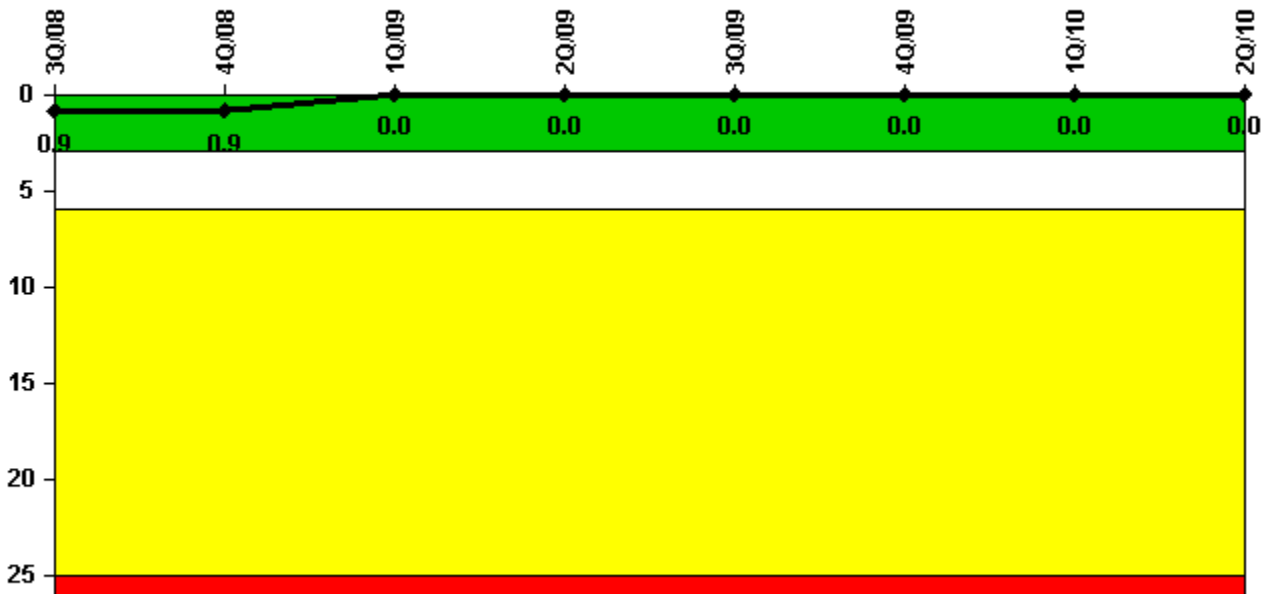
[Security](#) information not publicly available.

Seabrook 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



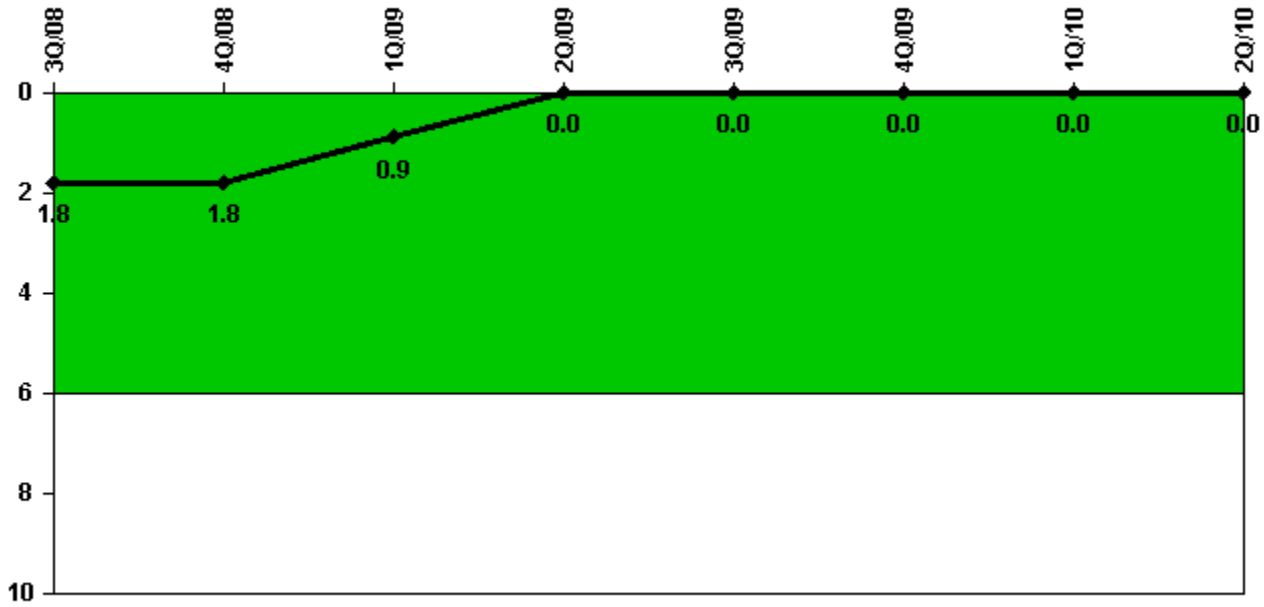
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



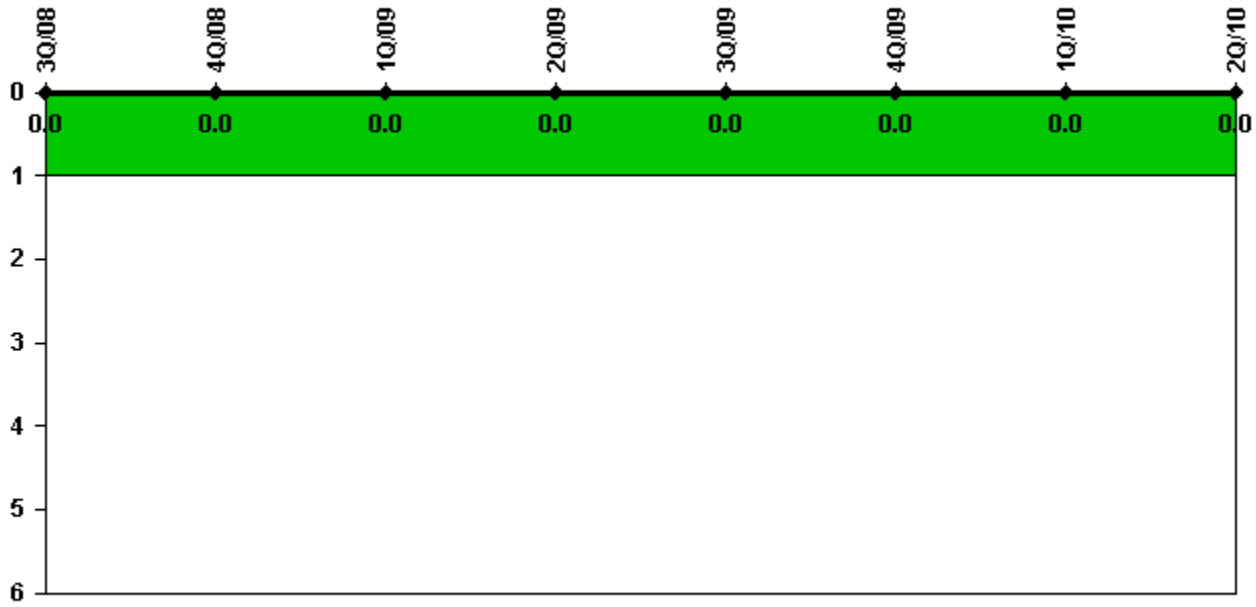
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0
Indicator value	1.8	1.8	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



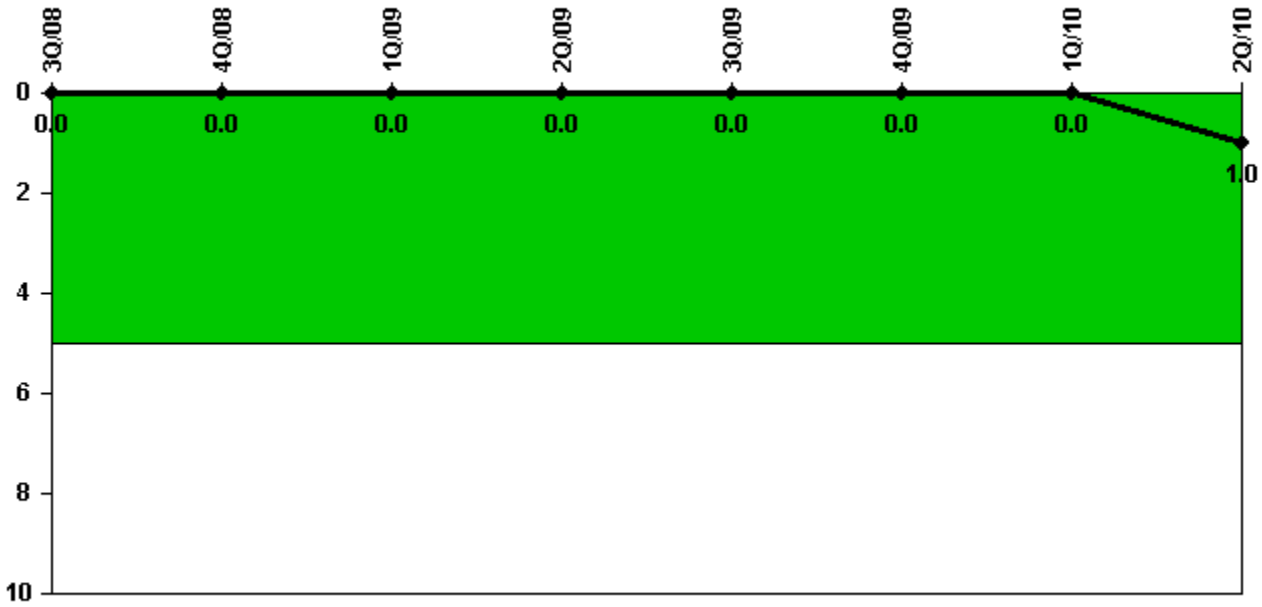
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

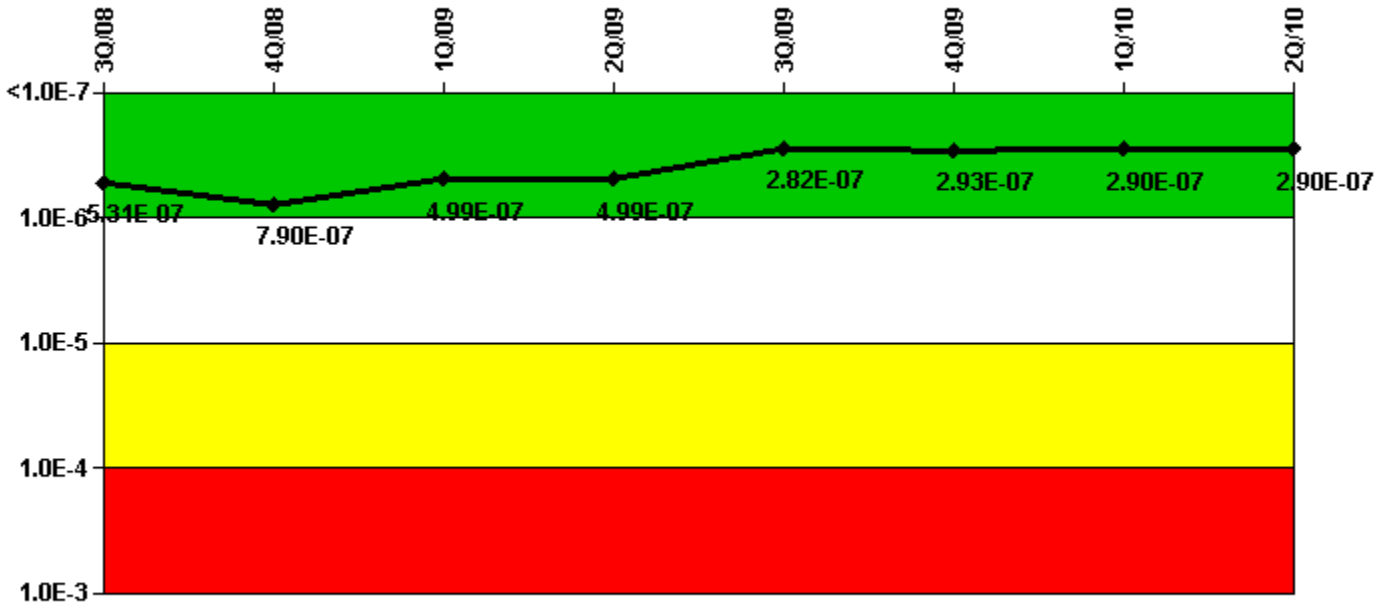
Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

2Q/10: LER 2010-001 5/14/2010

Mitigating Systems Performance Index, Emergency AC Power System



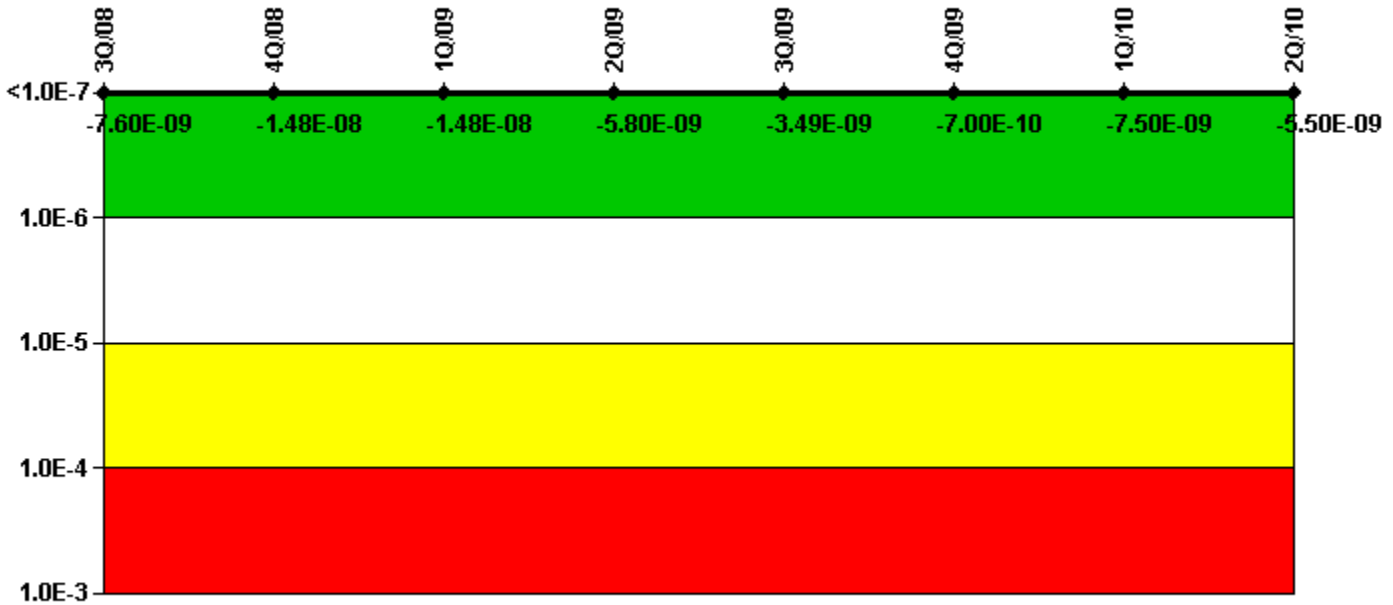
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-5.90E-08	-7.00E-08	9.00E-09	9.00E-09	2.40E-09	2.90E-09	2.89E-09	2.89E-09
URI (ΔCDF)	5.90E-07	8.60E-07	4.90E-07	4.90E-07	2.80E-07	2.90E-07	2.86E-07	2.87E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.31E-07	7.90E-07	4.99E-07	4.99E-07	2.82E-07	2.93E-07	2.90E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



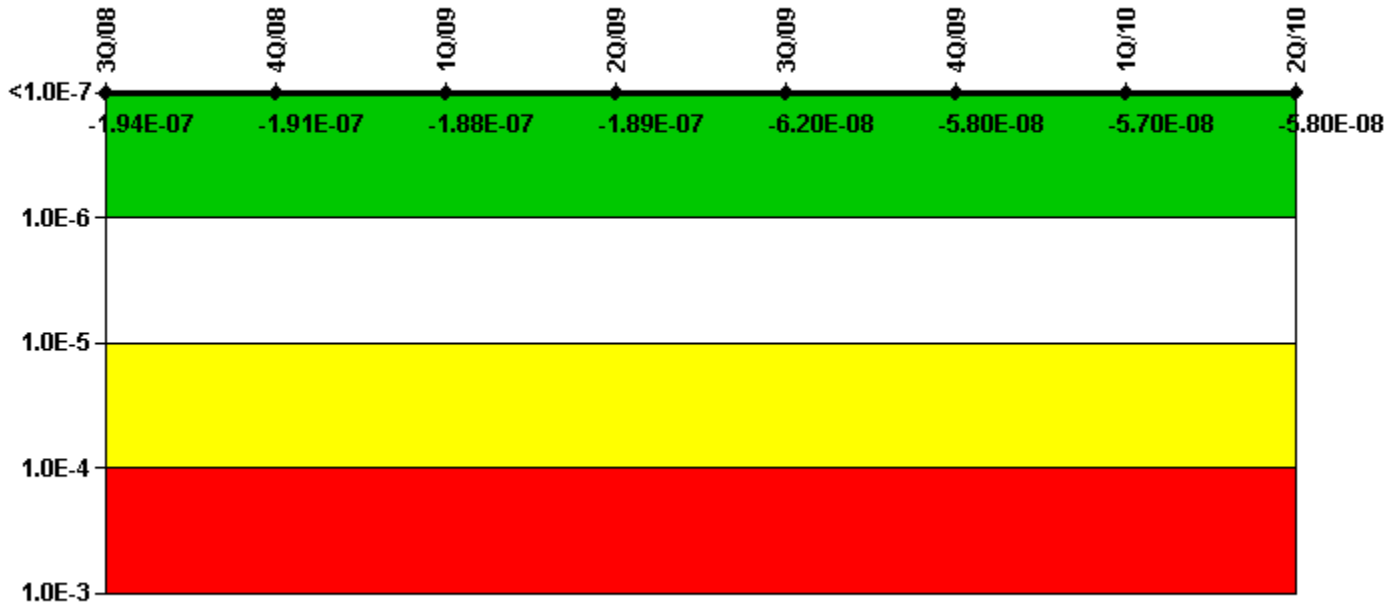
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	1.10E-09	-6.00E-09	-6.00E-09	3.10E-09	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09
URI (Δ CDF)	-8.70E-09	-8.80E-09	-8.80E-09	-8.90E-09	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-09	-1.48E-08	-1.48E-08	-5.80E-09	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



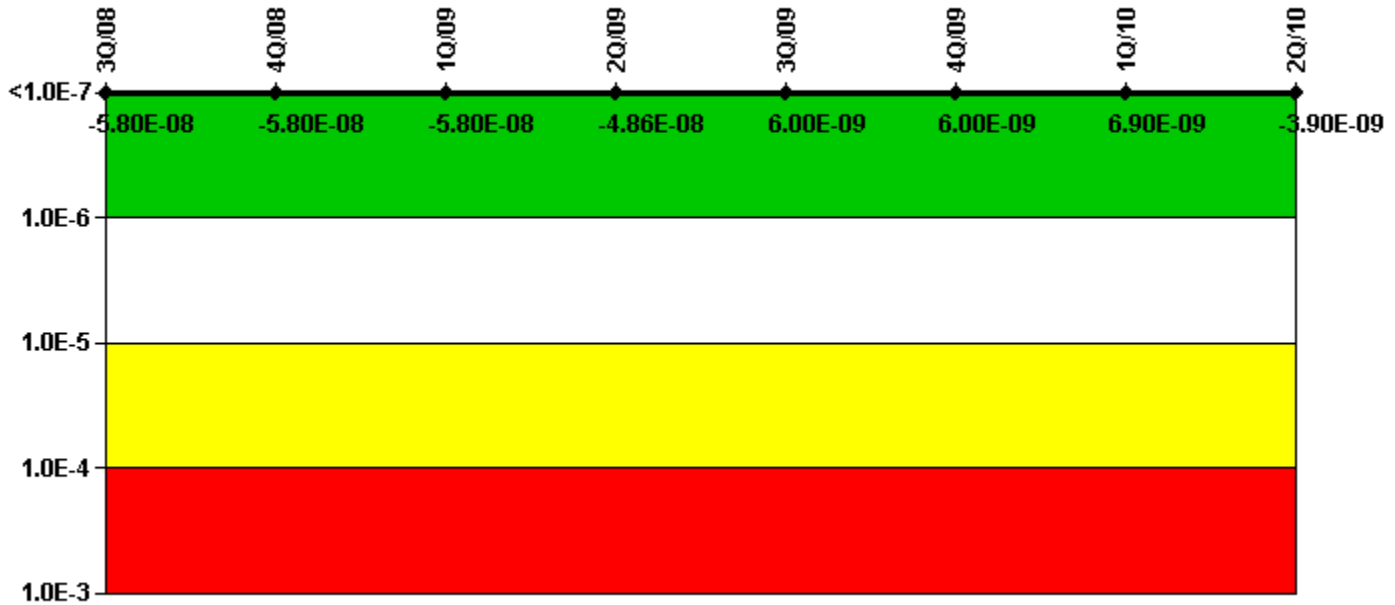
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-6.40E-08	-6.10E-08	-5.80E-08	-5.90E-08	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.94E-07	-1.91E-07	-1.88E-07	-1.89E-07	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



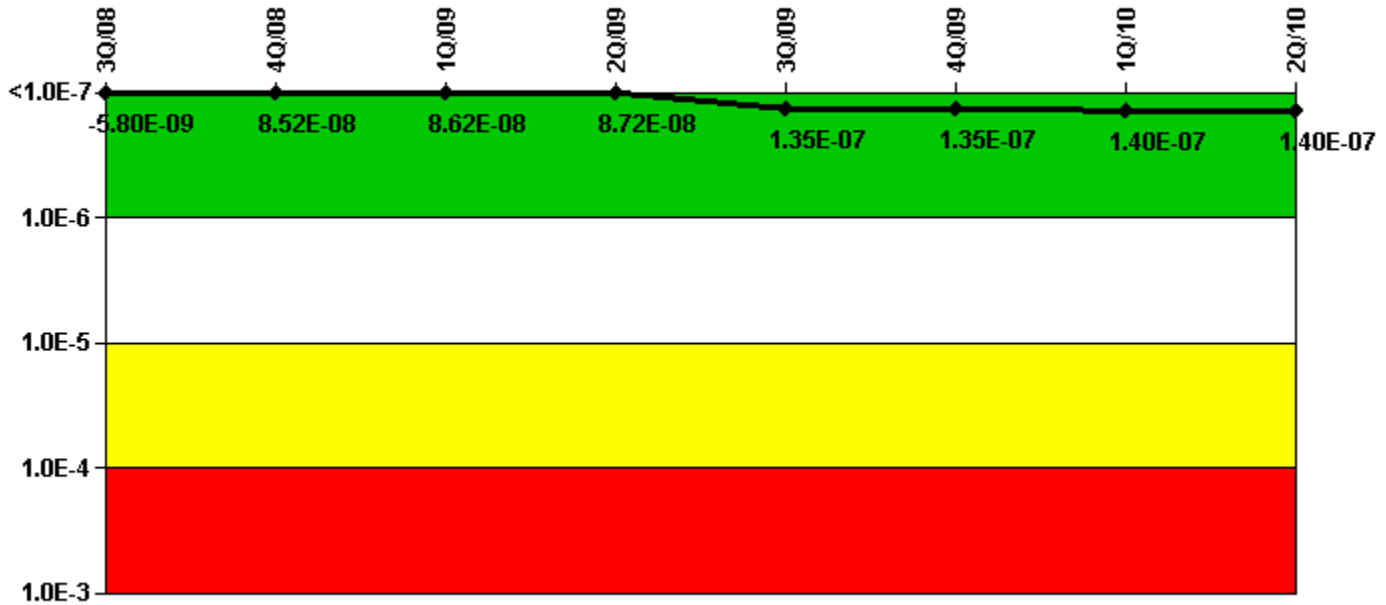
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-5.60E-10	3.50E-08	3.50E-08	3.61E-08	2.55E-08
URI (Δ CDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.80E-08	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.80E-08	-5.80E-08	-4.86E-08	6.00E-09	6.00E-09	6.90E-09	-3.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



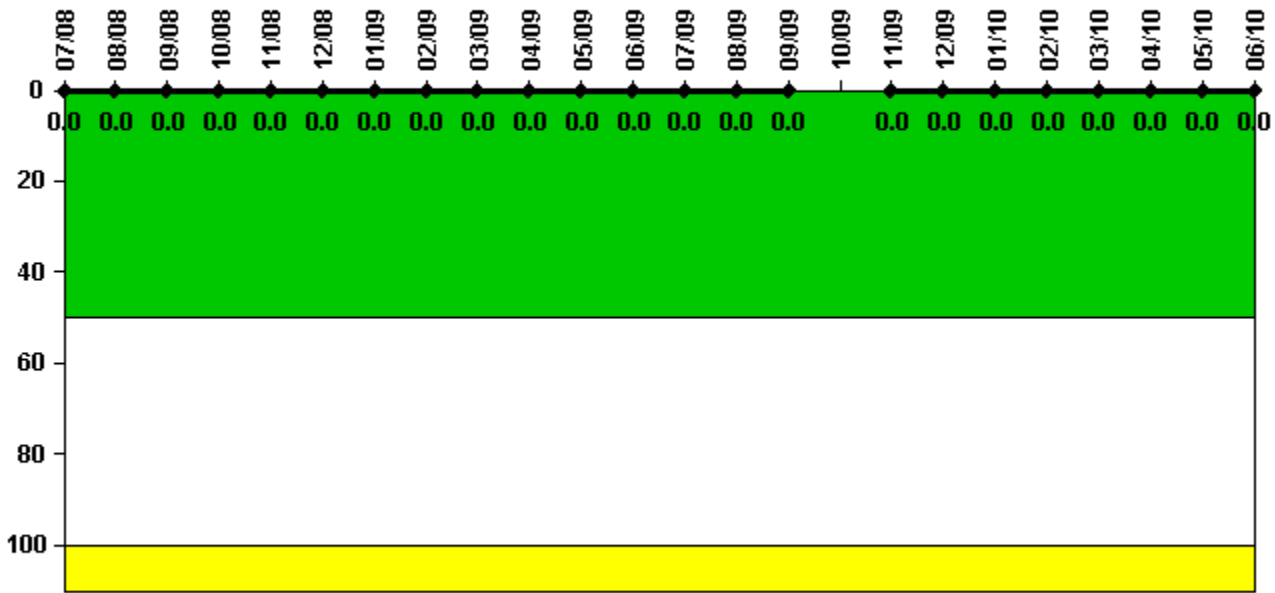
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	7.20E-09	7.20E-09	7.20E-09	7.20E-09	5.00E-09	5.00E-09	5.46E-09	5.46E-09
URI (Δ CDF)	-1.30E-08	7.80E-08	7.90E-08	8.00E-08	1.30E-07	1.30E-07	1.31E-07	1.31E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	8.52E-08	8.62E-08	8.72E-08	1.35E-07	1.35E-07	1.40E-07	1.40E-07

Licensee Comments: none

Reactor Coolant System Activity



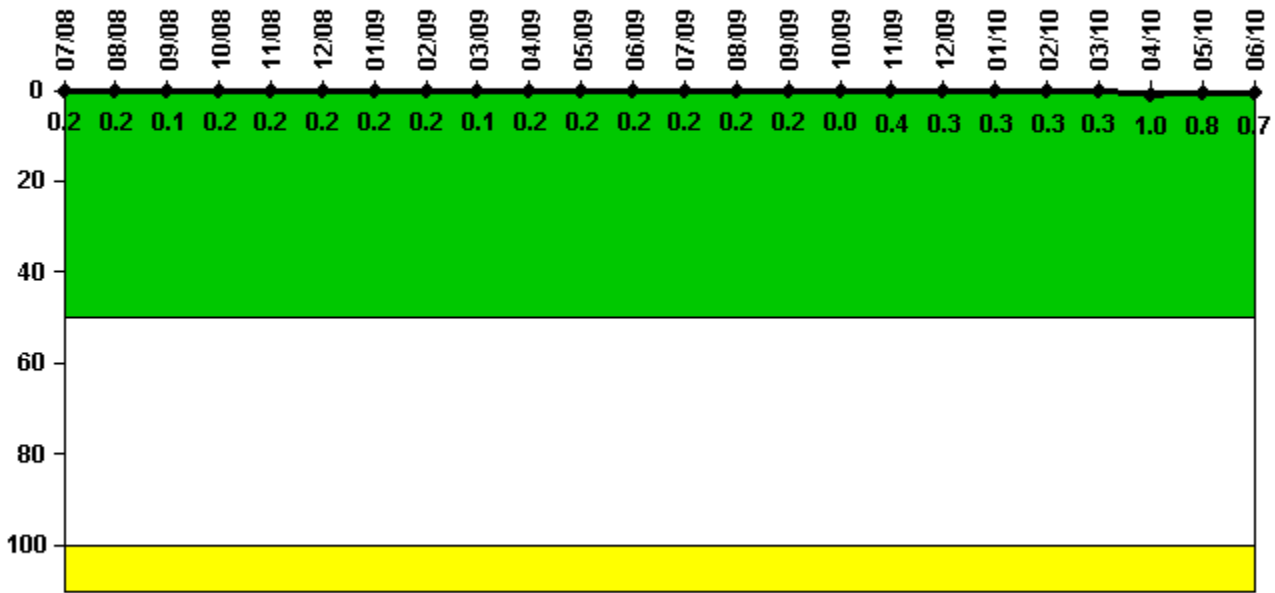
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000056	0.000066	0.000061	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000102	0.000101	0.000125	N/A	0.000023	0.000054	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



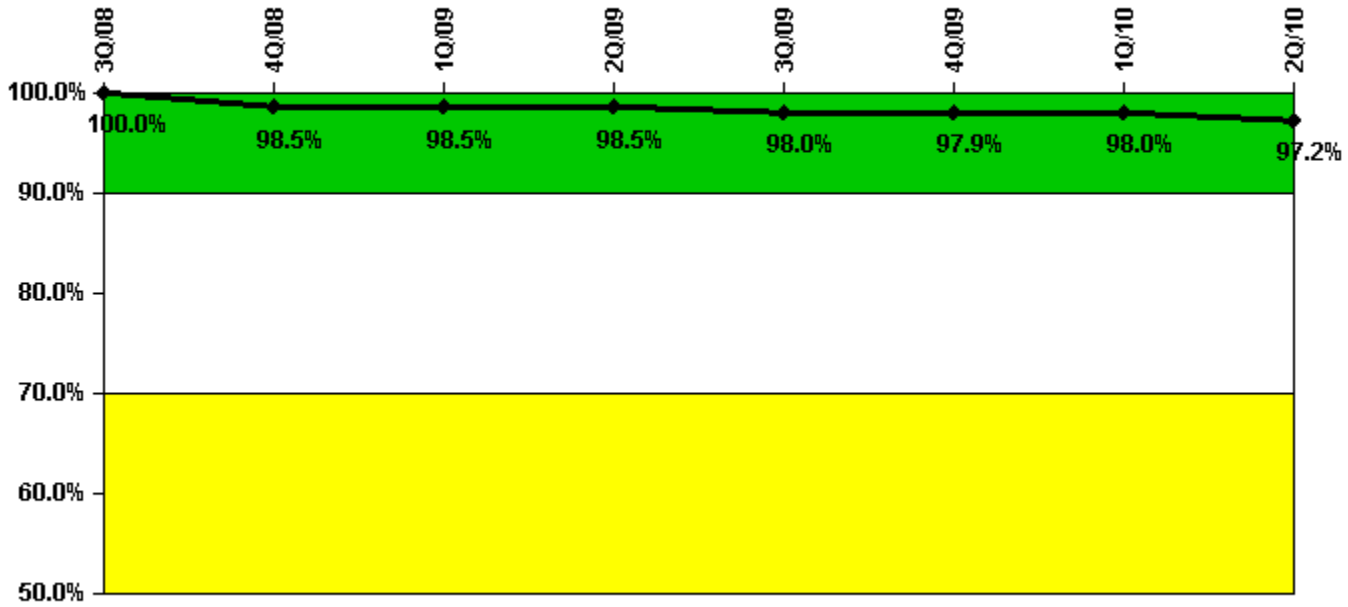
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.017	0.015	0.013	0.015	0.017	0.016	0.016	0.019	0.014	0.019	0.017	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.017	0.016	0.015	0	0.035	0.029	0.028	0.032	0.033	0.104	0.082	0.069
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3	1.0	0.8	0.7

Licensee Comments: none

Drill/Exercise Performance



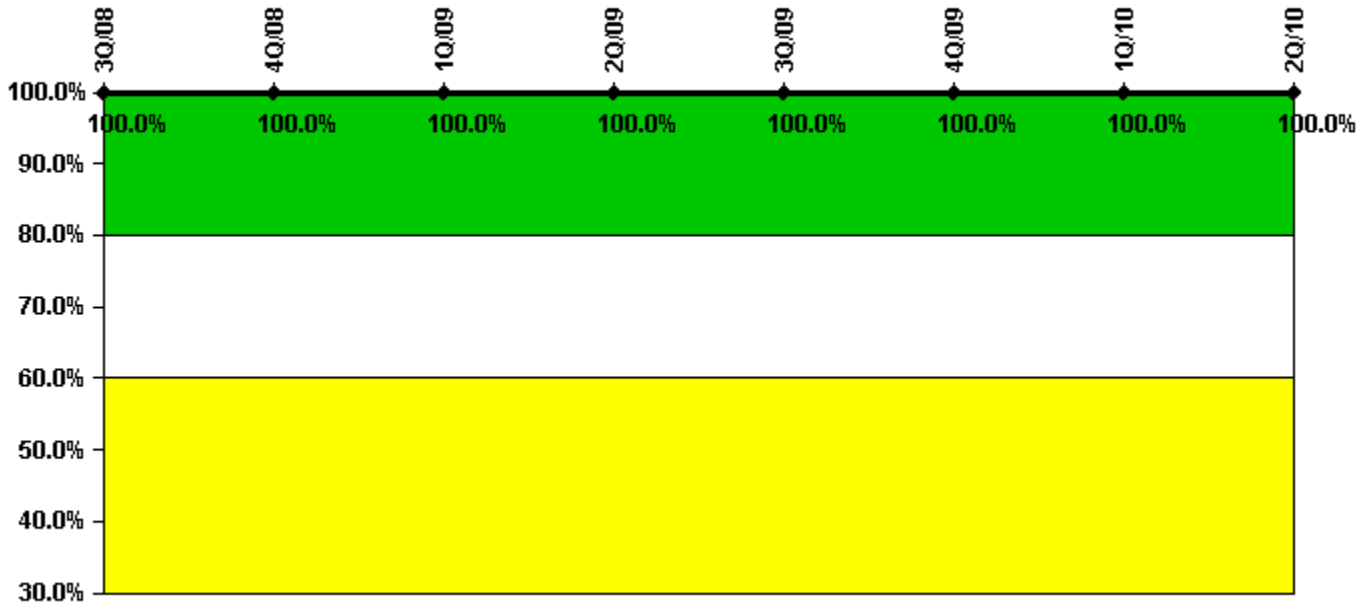
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	16.0	46.0	18.0	19.0	25.0	26.0	28.0	30.0
Total opportunities	16.0	49.0	18.0	19.0	26.0	26.0	28.0	32.0
Indicator value	100.0%	98.5%	98.5%	98.5%	98.0%	97.9%	98.0%	97.2%

Licensee Comments: none

ERO Drill Participation



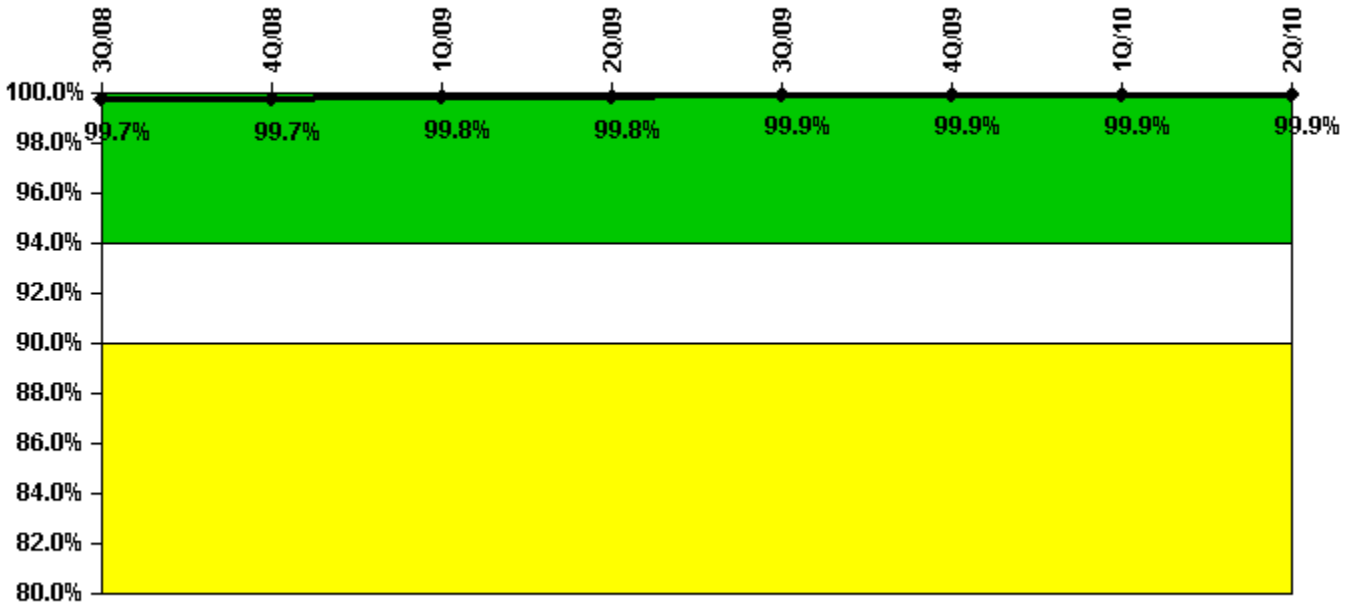
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	81.0	83.0	84.0	84.0	87.0	82.0	84.0	85.0
Total Key personnel	81.0	83.0	84.0	84.0	87.0	82.0	84.0	85.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



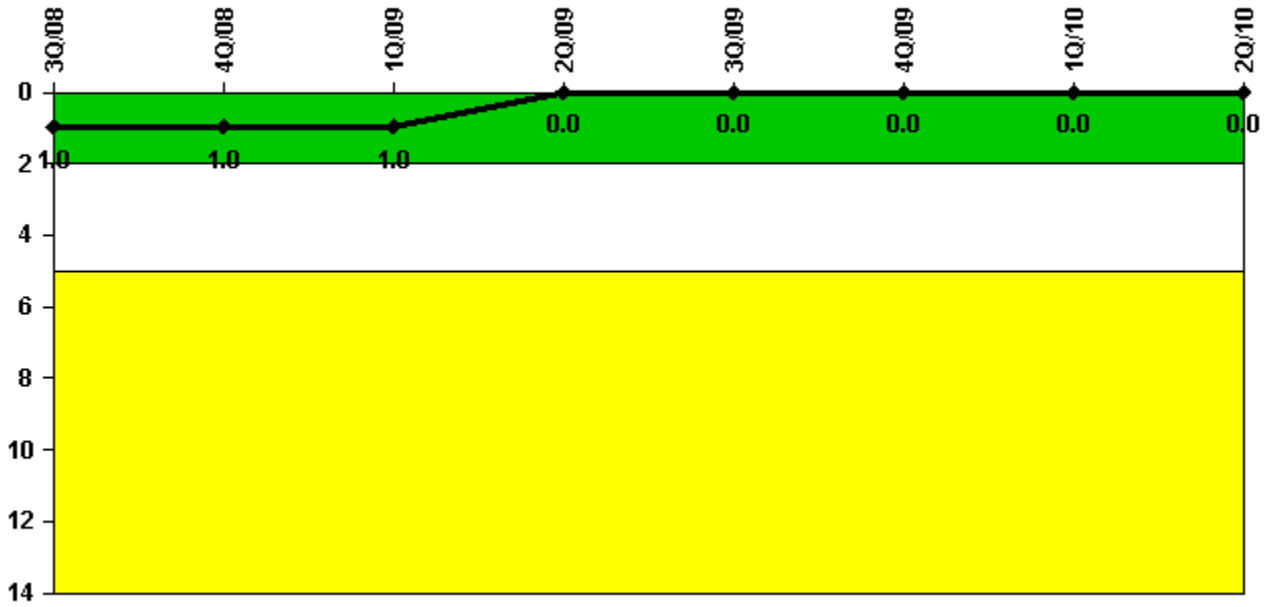
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	843	725	846	726	846	725	846	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.7%	99.7%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



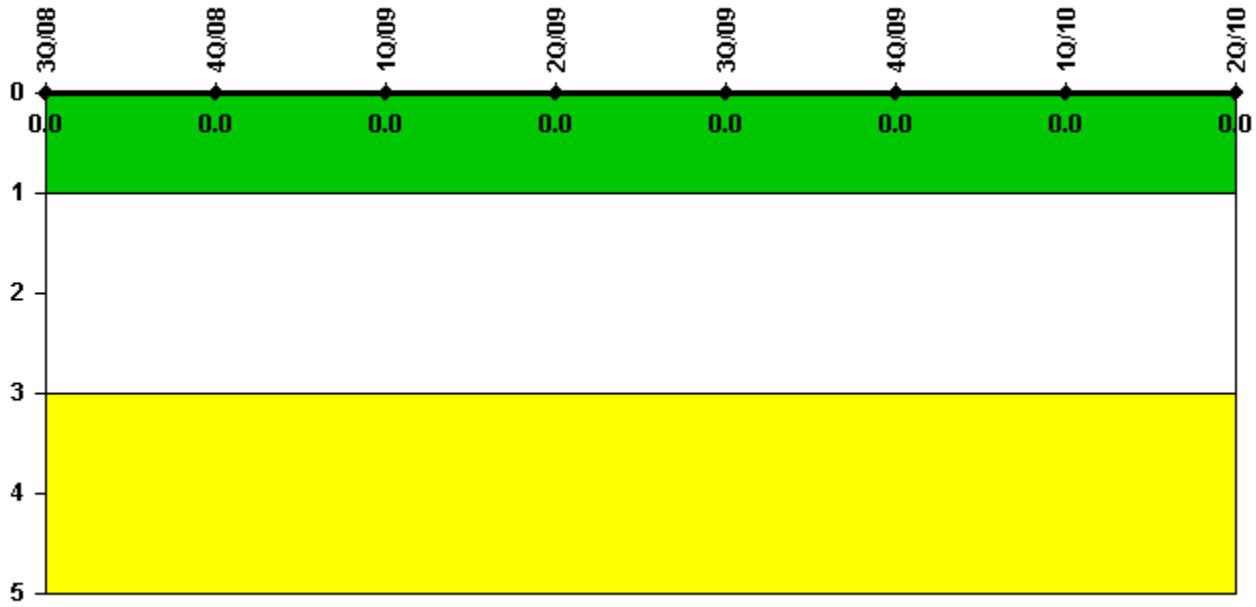
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.

Seabrook 1

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



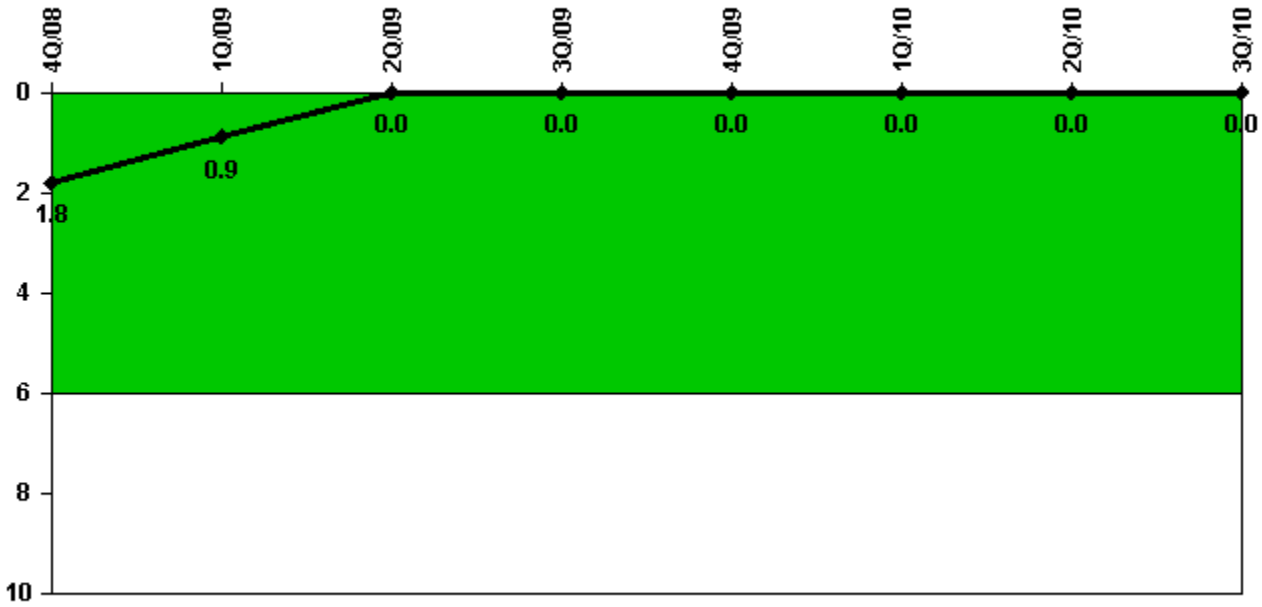
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



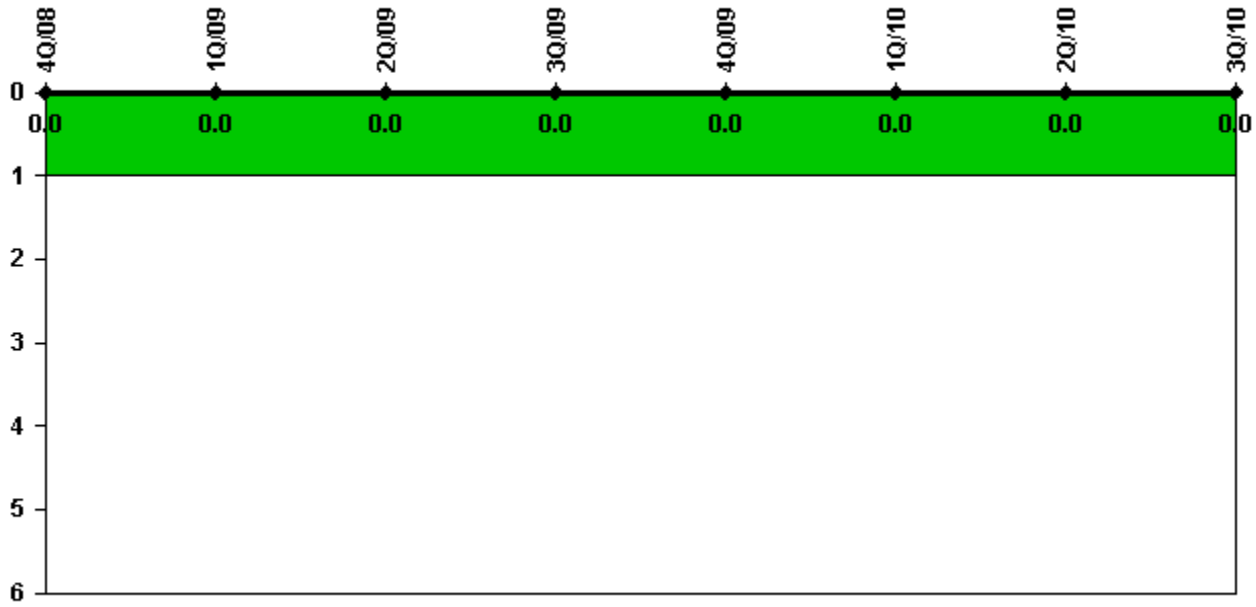
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0
Indicator value	1.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



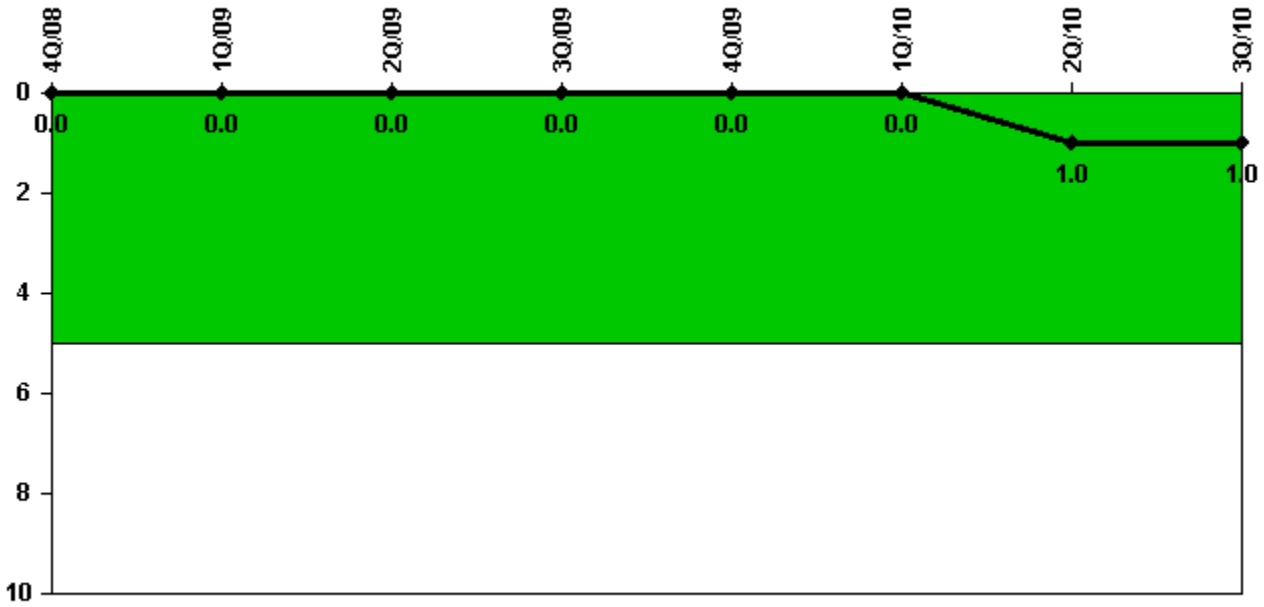
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



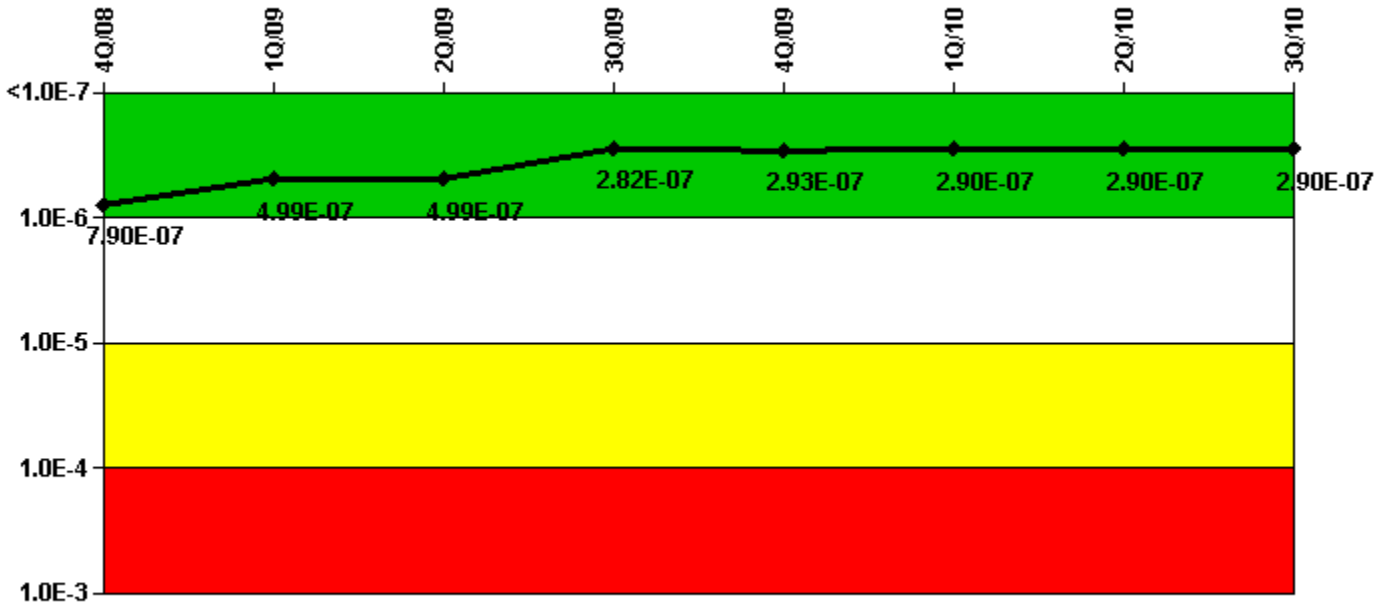
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



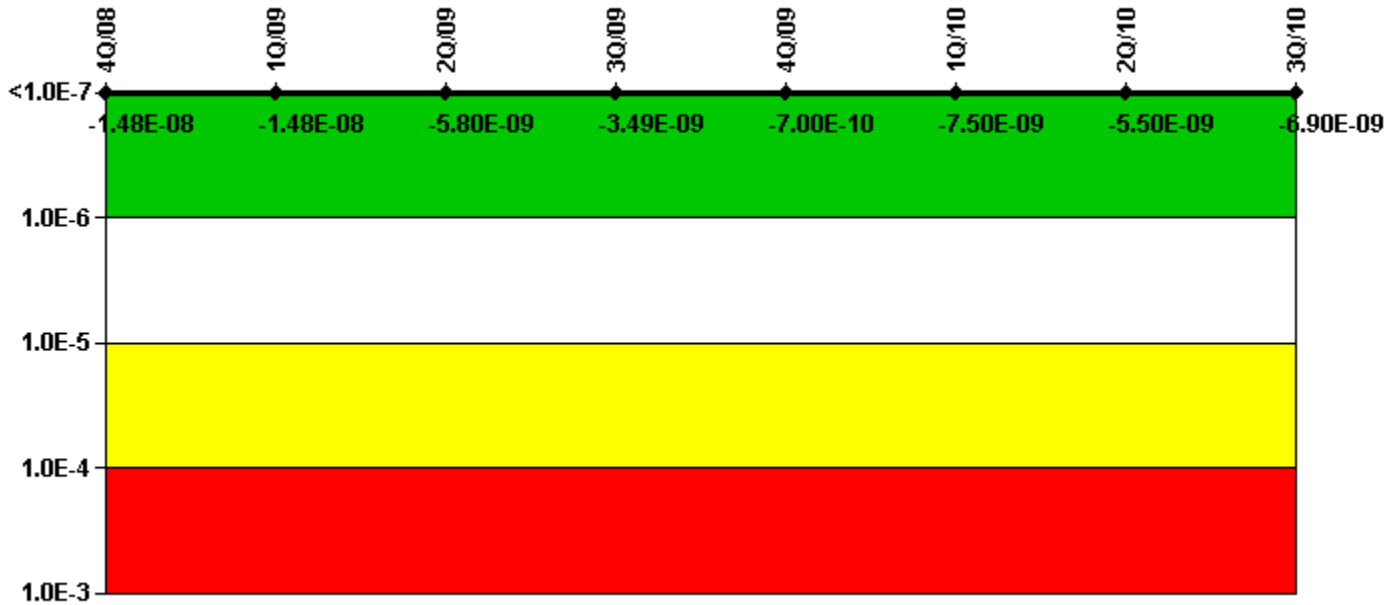
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-7.00E-08	9.00E-09	9.00E-09	2.40E-09	2.90E-09	2.89E-09	2.89E-09	2.89E-09
URI (Δ CDF)	8.60E-07	4.90E-07	4.90E-07	2.80E-07	2.90E-07	2.86E-07	2.87E-07	2.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.90E-07	4.99E-07	4.99E-07	2.82E-07	2.93E-07	2.90E-07	2.90E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



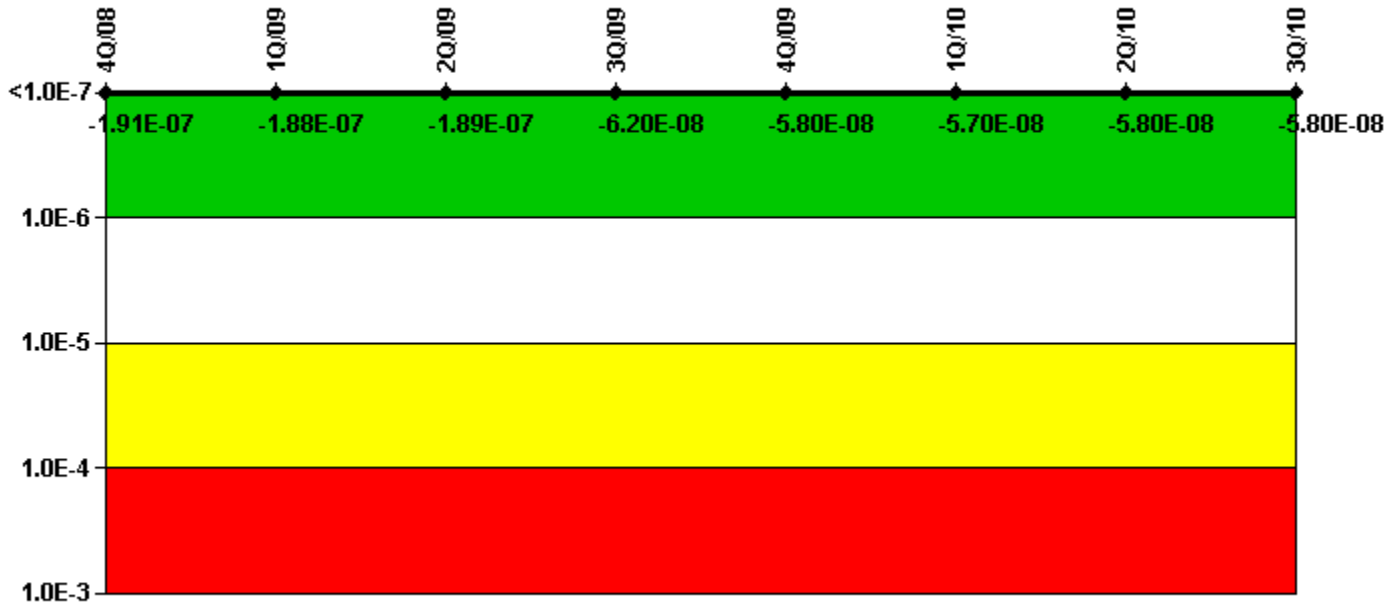
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-6.00E-09	-6.00E-09	3.10E-09	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09
URI (Δ CDF)	-8.80E-09	-8.80E-09	-8.90E-09	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.48E-08	-1.48E-08	-5.80E-09	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



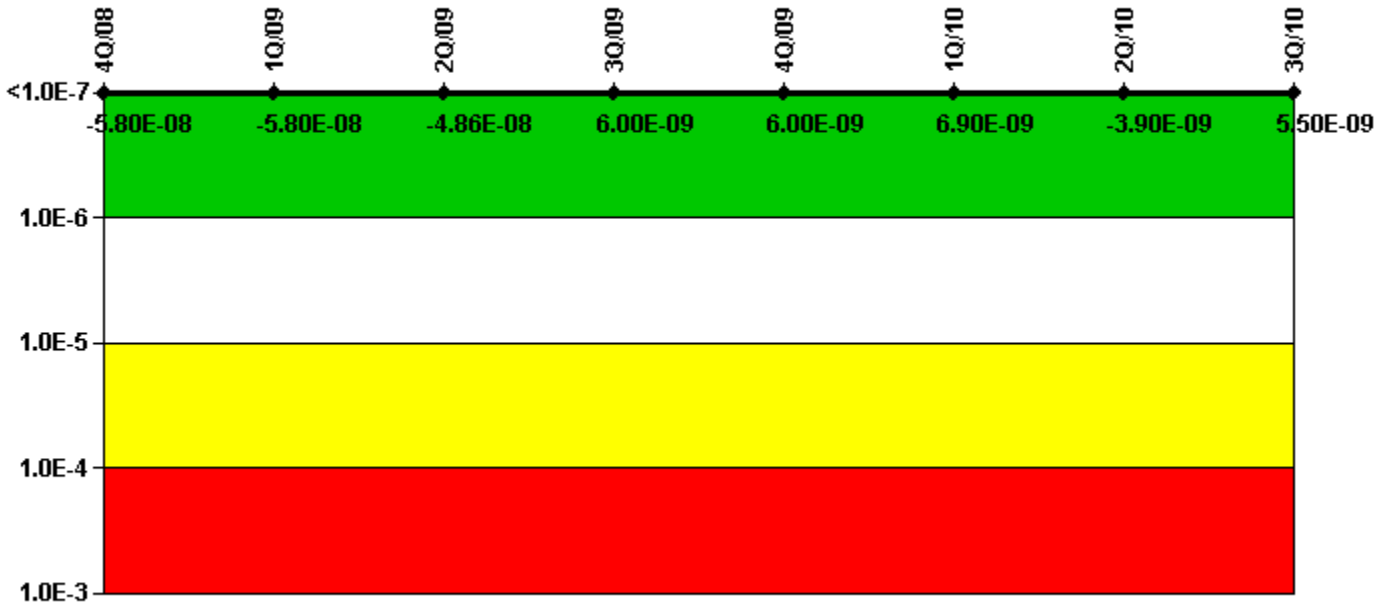
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-6.10E-08	-5.80E-08	-5.90E-08	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.91E-07	-1.88E-07	-1.89E-07	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



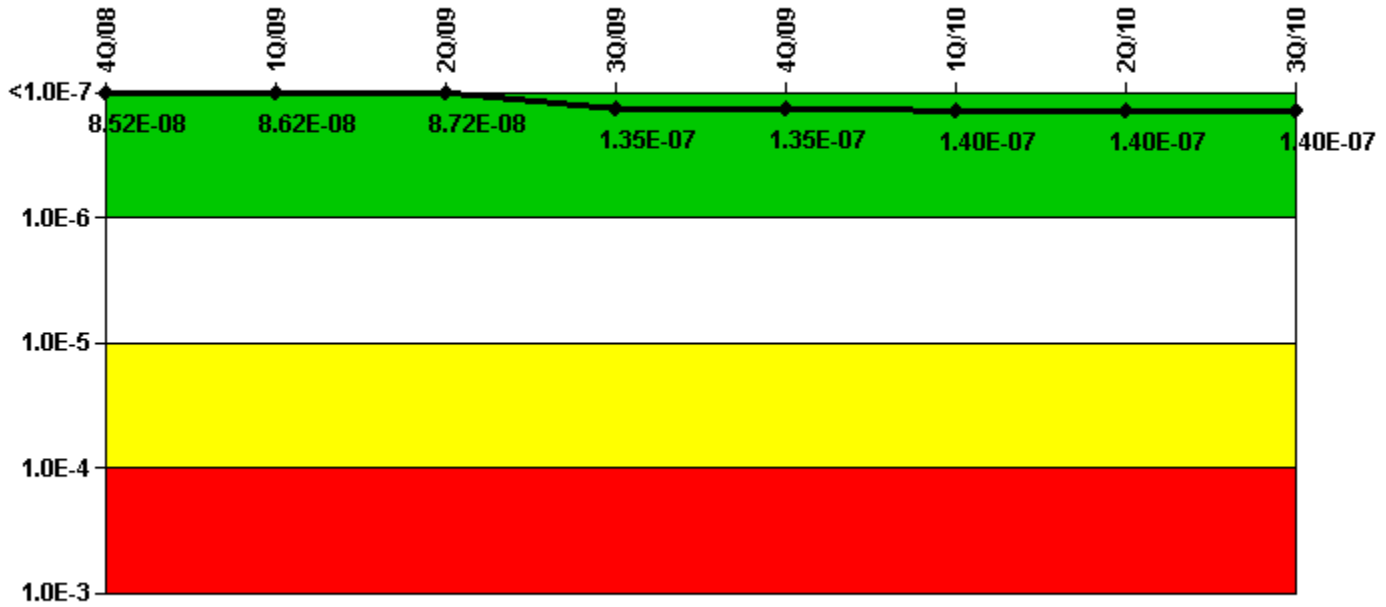
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-1.10E-08	-1.10E-08	-5.60E-10	3.50E-08	3.50E-08	3.61E-08	2.55E-08	3.50E-08
URI (Δ CDF)	-4.70E-08	-4.70E-08	-4.80E-08	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.80E-08	-4.86E-08	6.00E-09	6.00E-09	6.90E-09	-3.90E-09	5.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



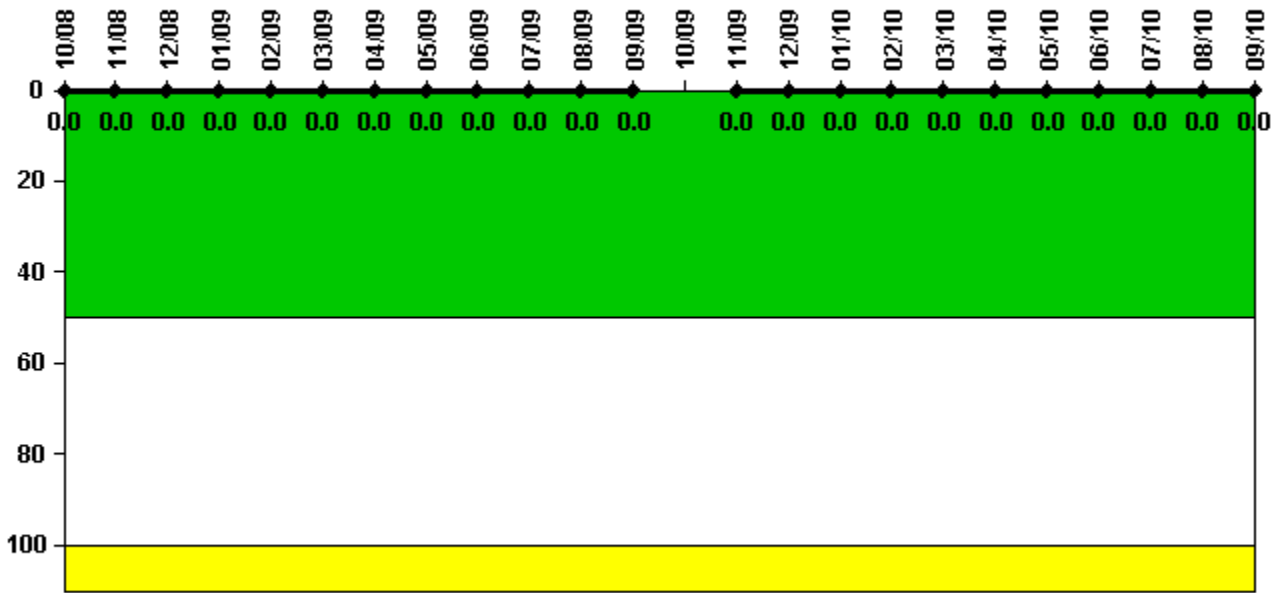
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	7.20E-09	7.20E-09	7.20E-09	5.00E-09	5.00E-09	5.46E-09	5.46E-09	5.46E-09
URI (Δ CDF)	7.80E-08	7.90E-08	8.00E-08	1.30E-07	1.30E-07	1.31E-07	1.31E-07	1.31E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.52E-08	8.62E-08	8.72E-08	1.35E-07	1.35E-07	1.40E-07	1.40E-07	1.40E-07

Licensee Comments: none

Reactor Coolant System Activity



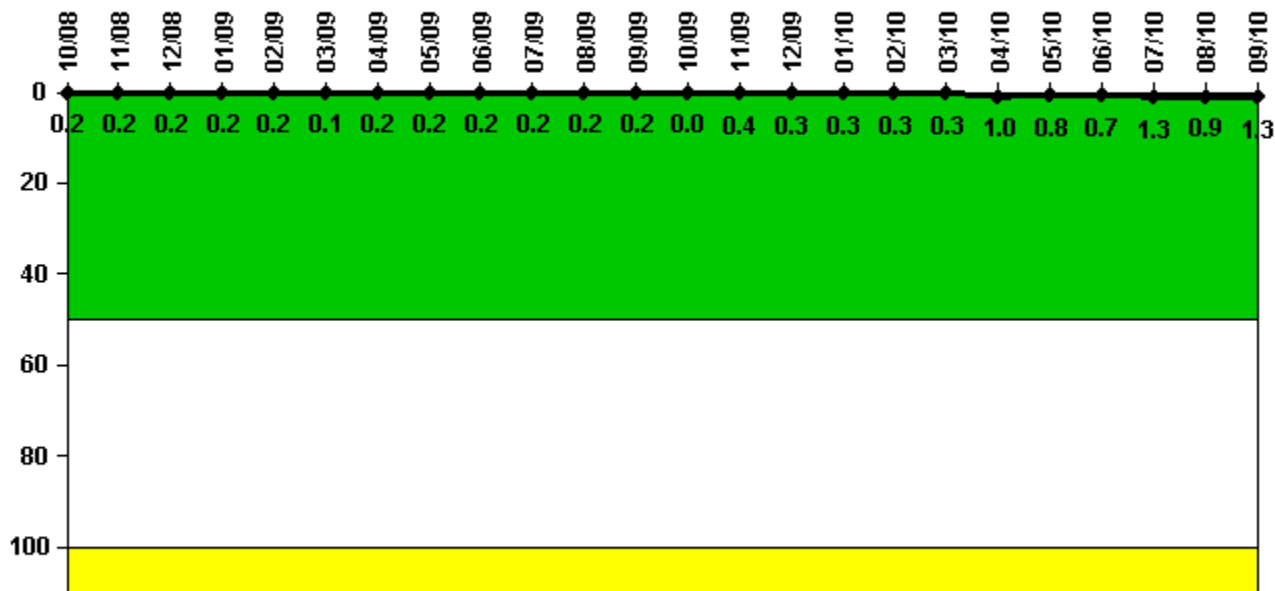
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000068	0.000071	0.000078	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	N/A	0.000023	0.000054	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

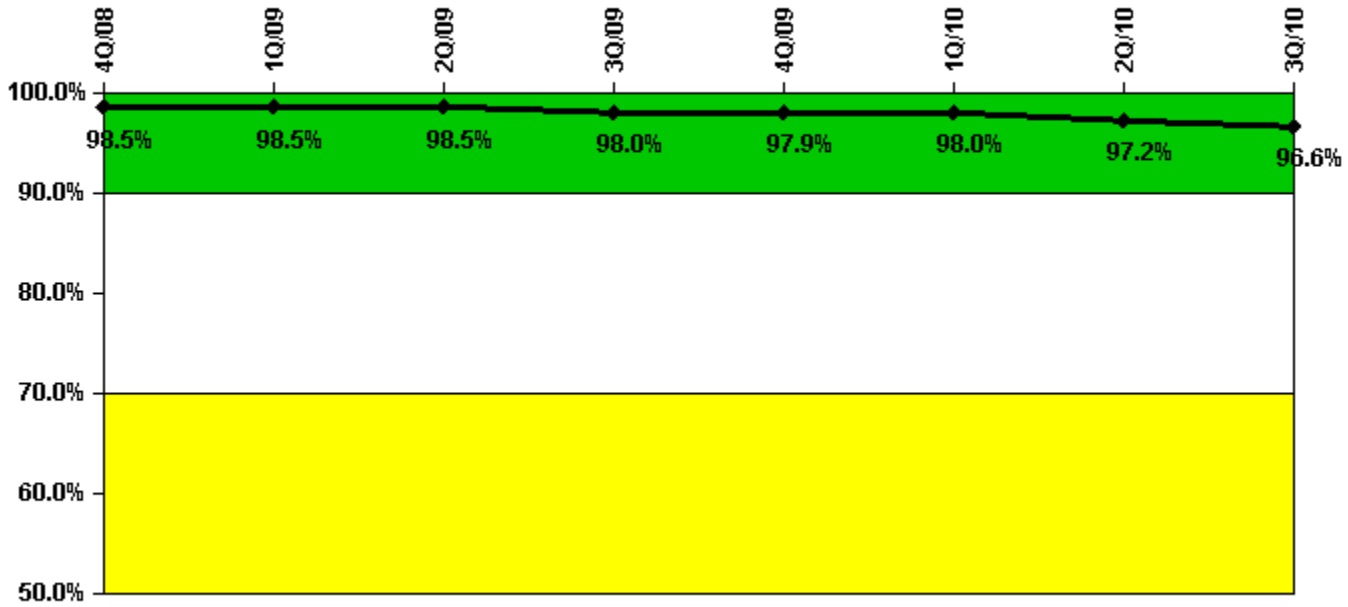
Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.015	0.017	0.016	0.016	0.019	0.014	0.019	0.017	0.016	0.017	0.016	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0	0.035	0.029	0.028	0.032	0.033	0.104	0.082	0.069	0.127	0.088	0.133
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.3	0.3	0.3	0.3	1.0	0.8	0.7	1.3	0.9	1.3

Licensee Comments: none

Drill/Exercise Performance



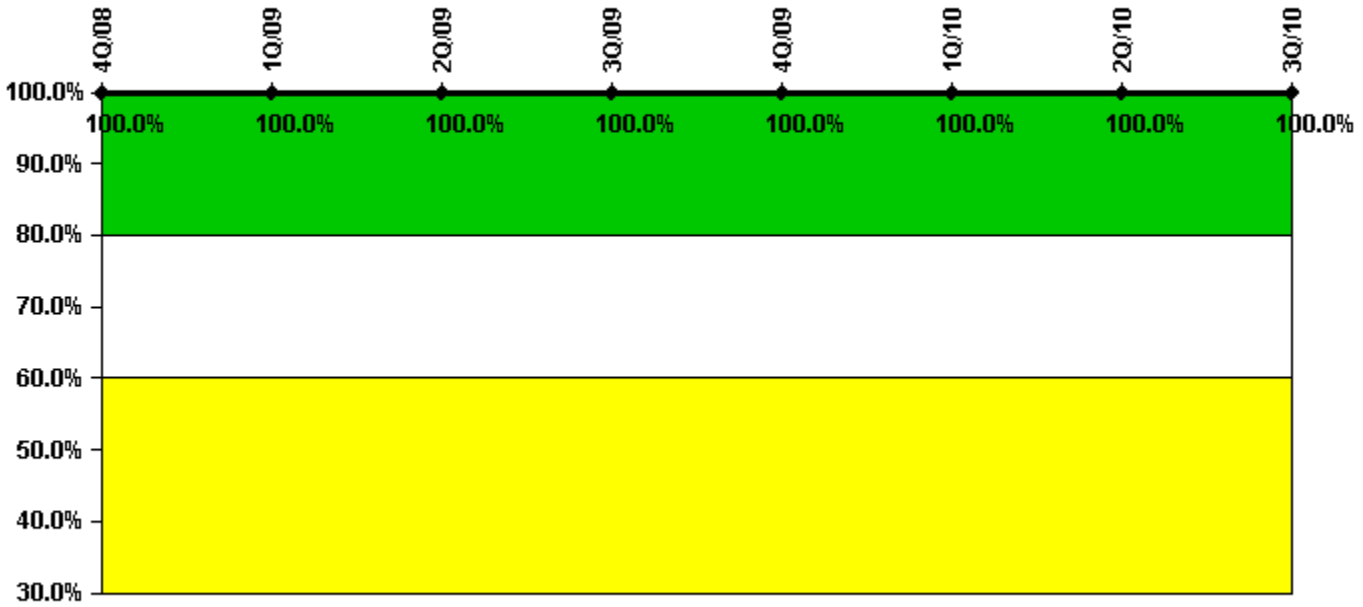
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	46.0	18.0	19.0	25.0	26.0	28.0	30.0	33.0
Total opportunities	49.0	18.0	19.0	26.0	26.0	28.0	32.0	35.0
Indicator value	98.5%	98.5%	98.5%	98.0%	97.9%	98.0%	97.2%	96.6%

Licensee Comments: none

ERO Drill Participation



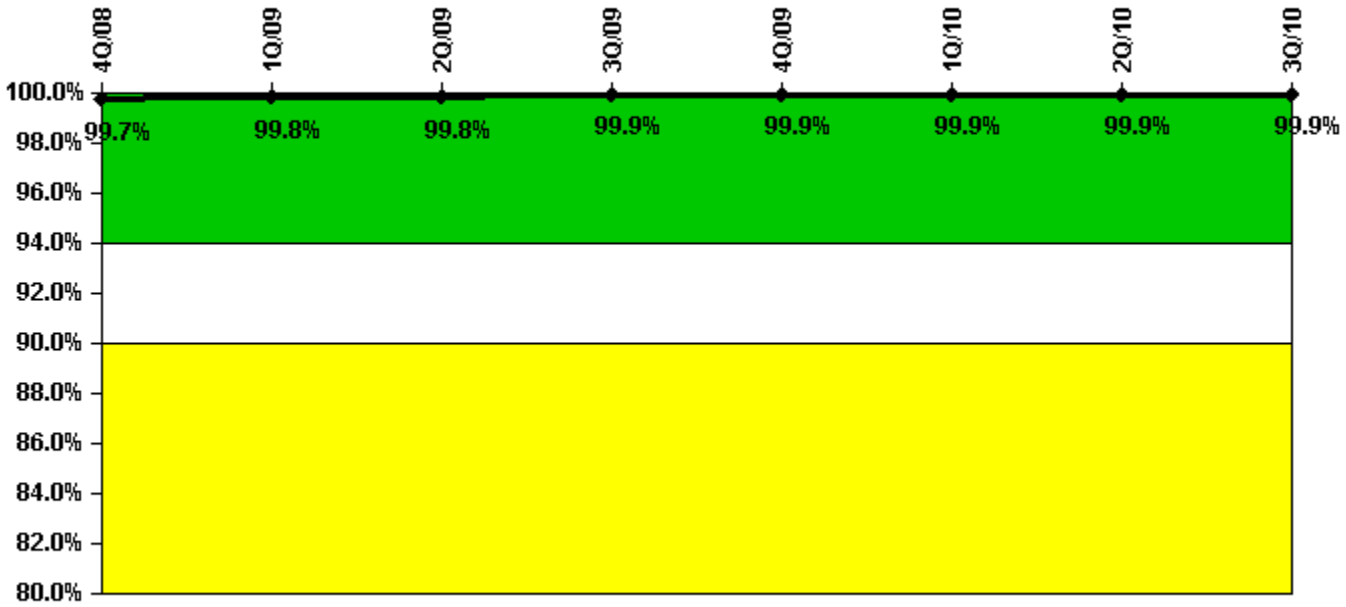
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	83.0	84.0	84.0	87.0	82.0	84.0	85.0	86.0
Total Key personnel	83.0	84.0	84.0	87.0	82.0	84.0	85.0	86.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



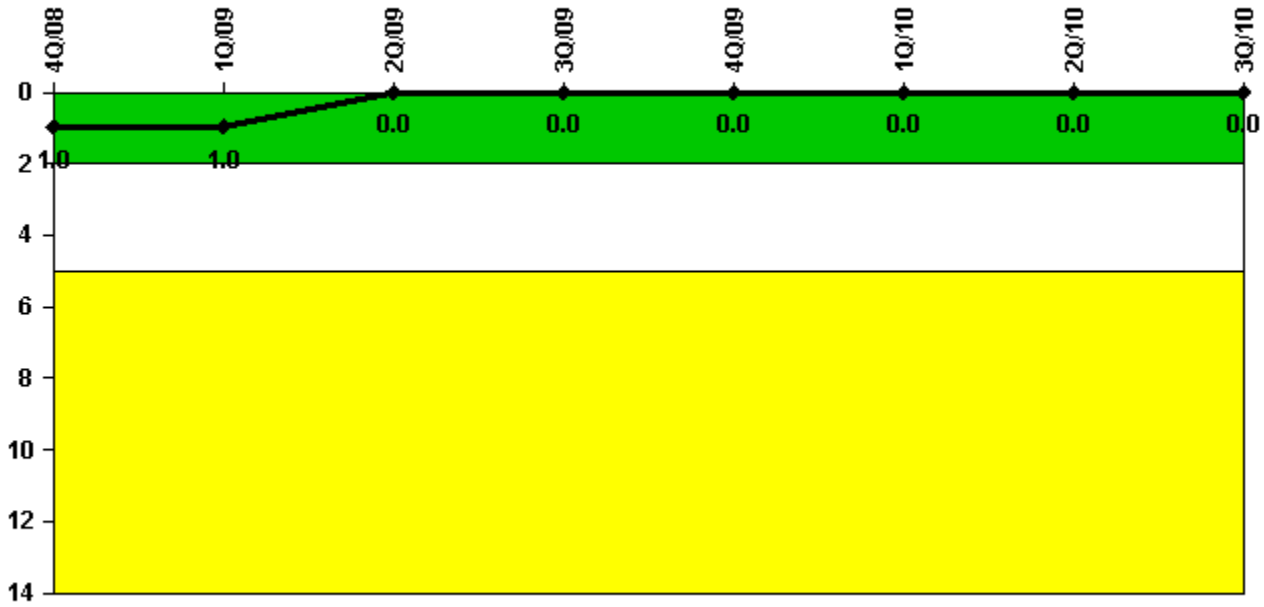
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	725	846	726	846	725	846	726	845
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.7%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



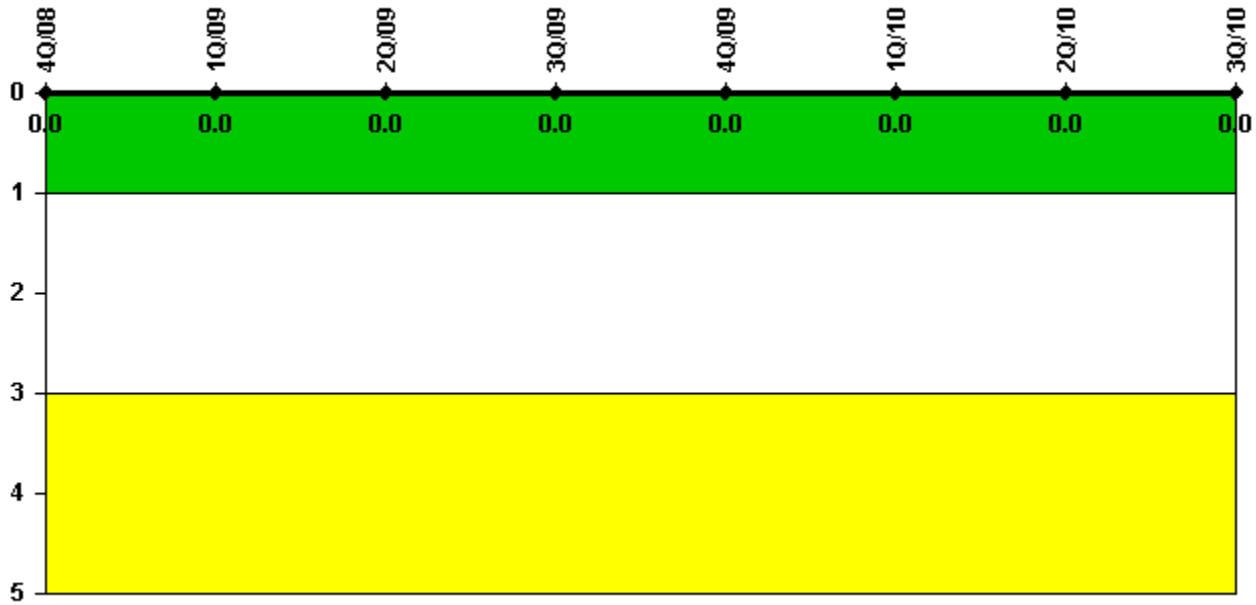
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

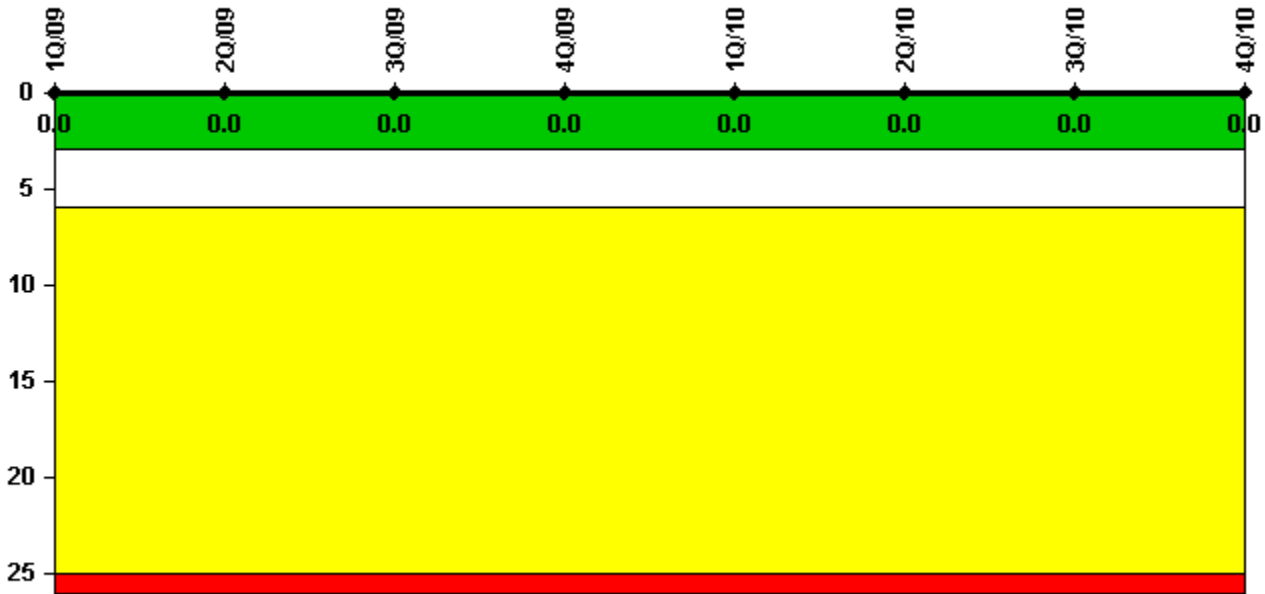
[Security](#) information not publicly available.

Seabrook 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



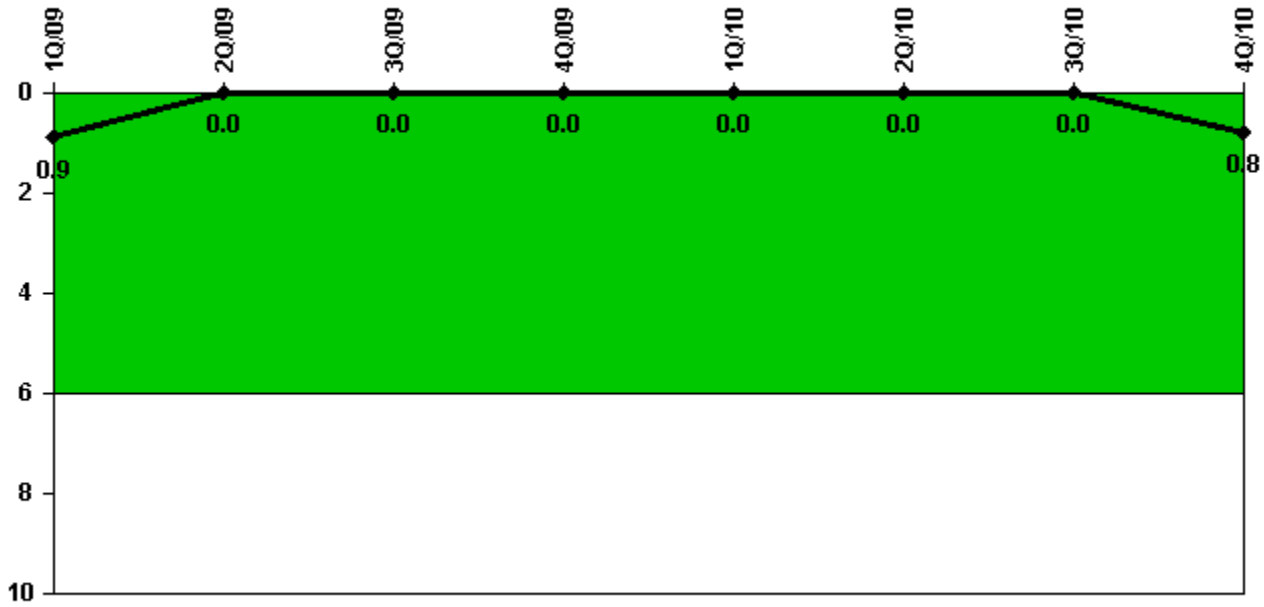
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



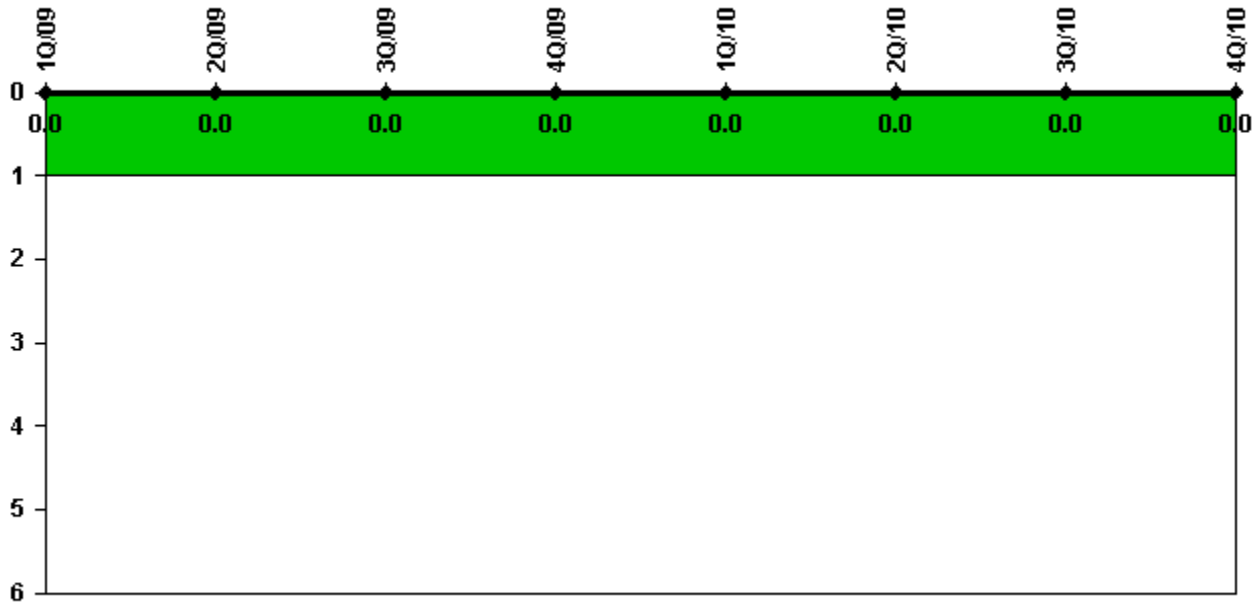
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2159.0	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0
Indicator value	0.9	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



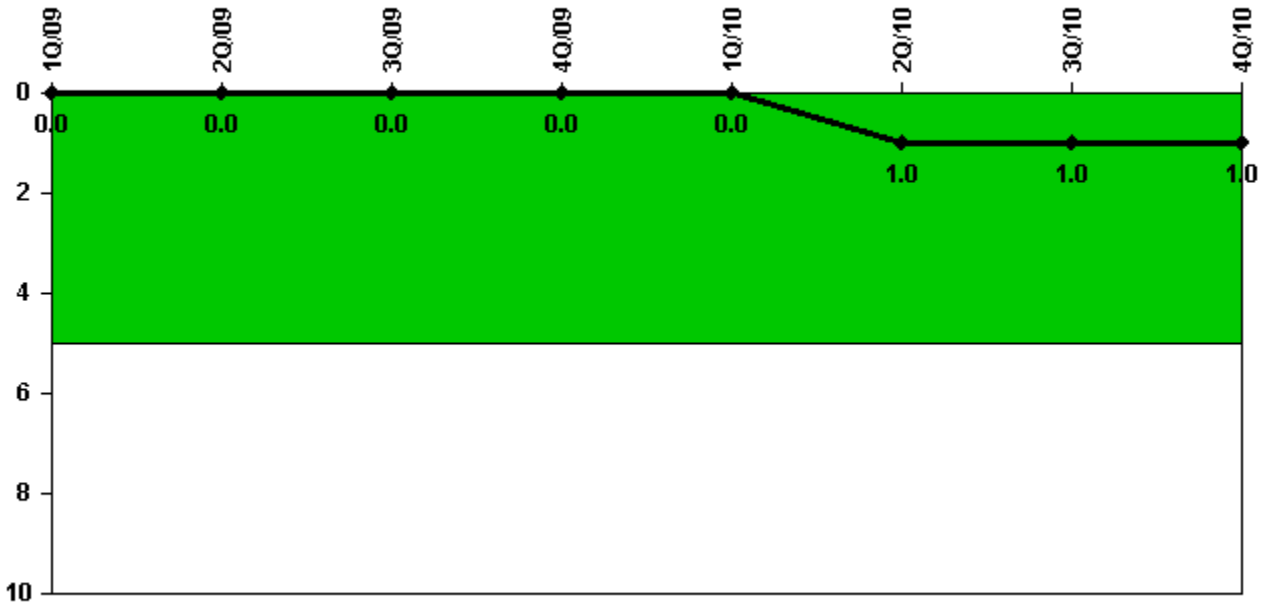
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



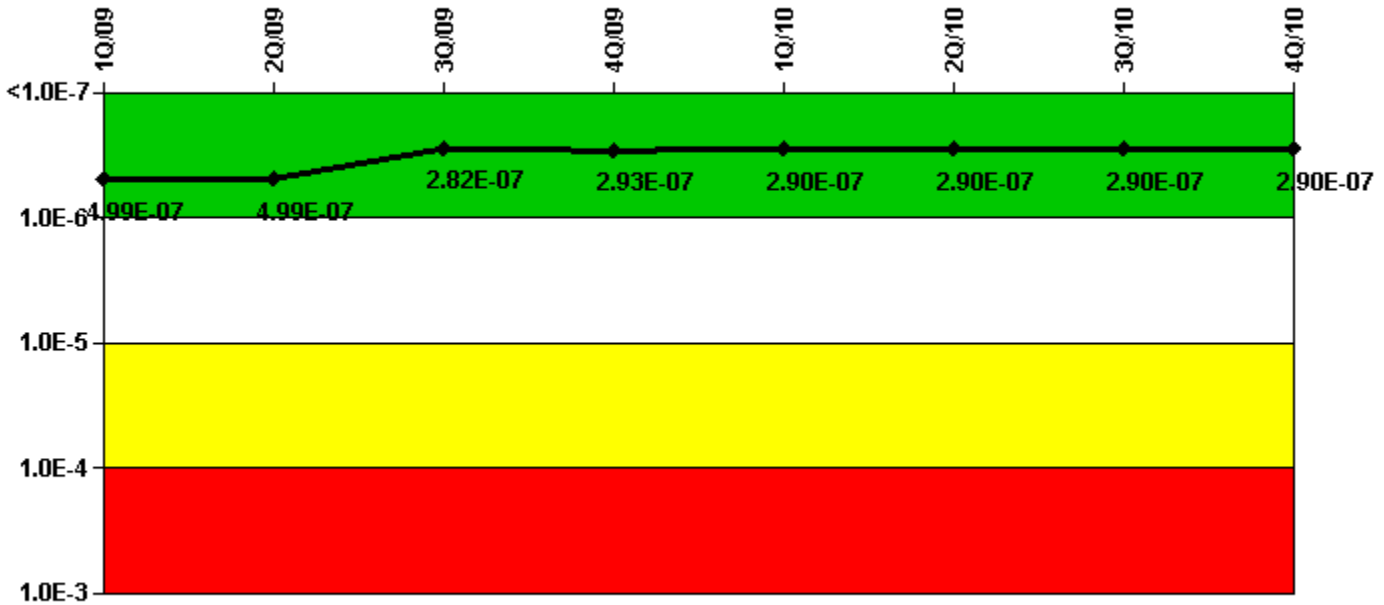
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



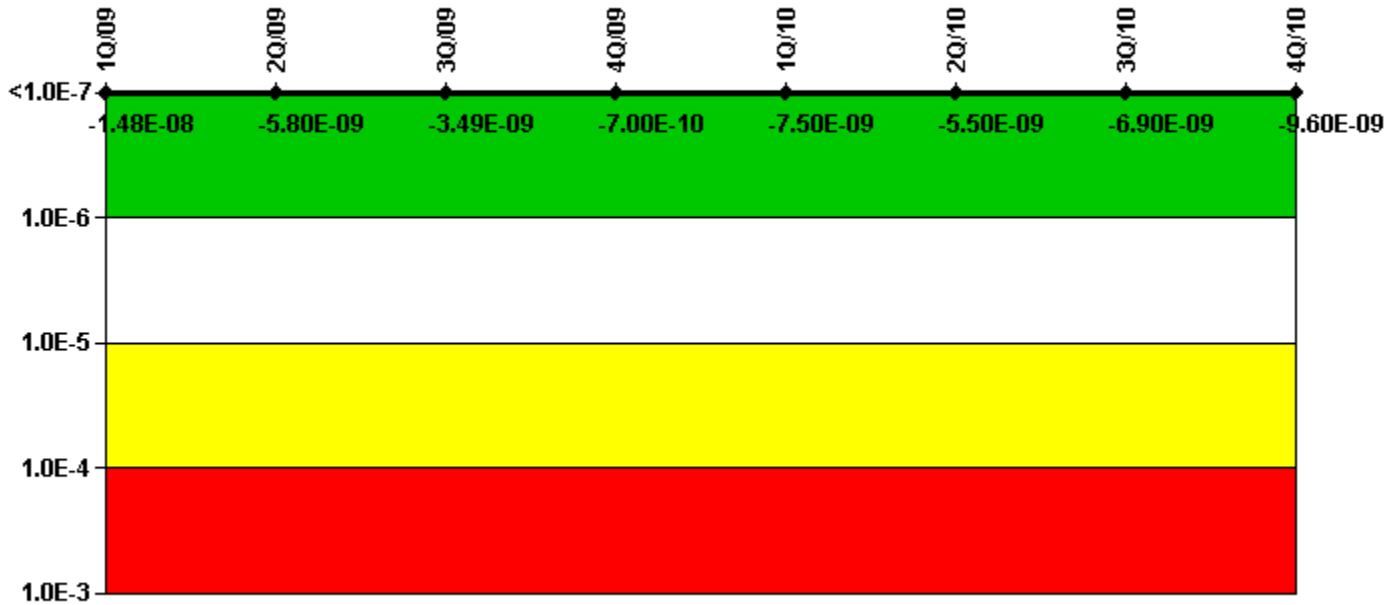
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	9.00E-09	9.00E-09	2.40E-09	2.90E-09	2.89E-09	2.89E-09	2.89E-09	2.89E-09
URI (Δ CDF)	4.90E-07	4.90E-07	2.80E-07	2.90E-07	2.86E-07	2.87E-07	2.88E-07	2.87E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.99E-07	4.99E-07	2.82E-07	2.93E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



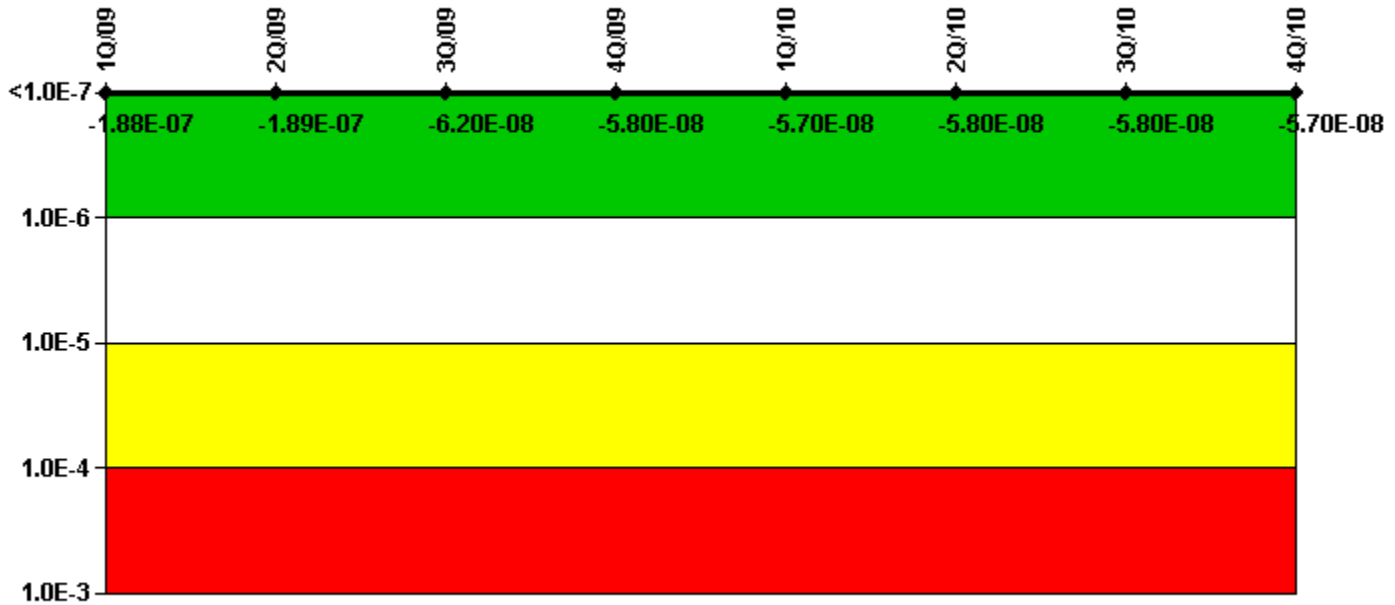
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-6.00E-09	3.10E-09	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09
URI (Δ CDF)	-8.80E-09	-8.90E-09	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.48E-08	-5.80E-09	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



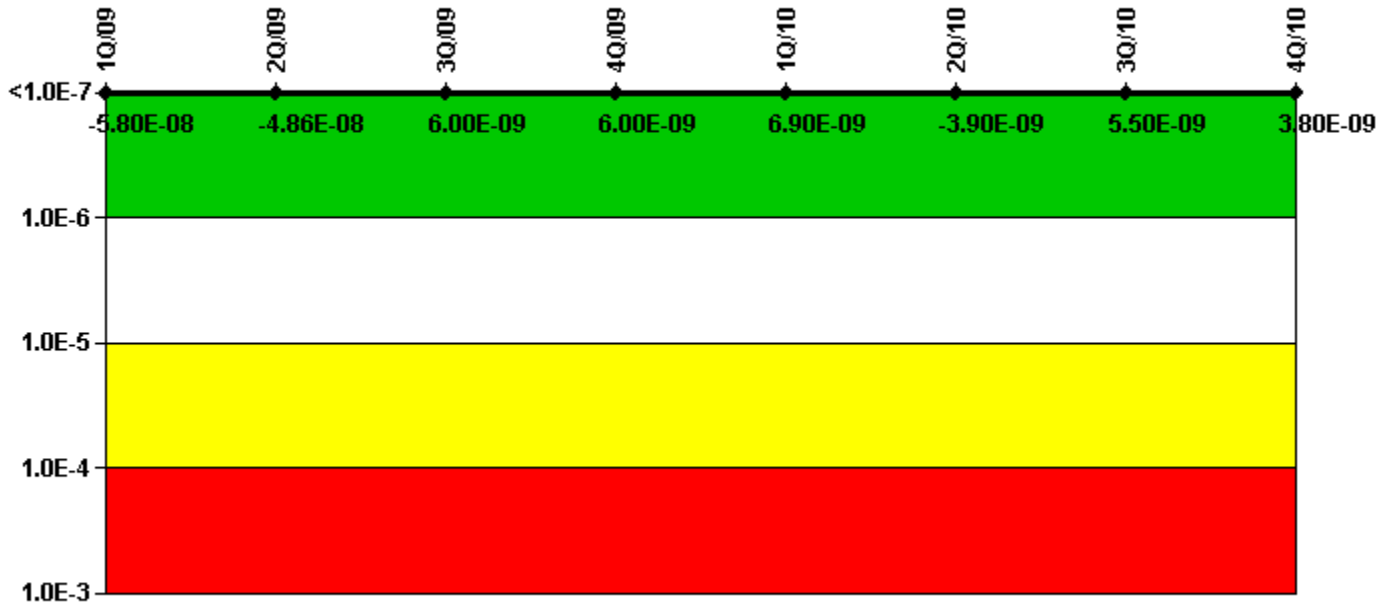
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-5.80E-08	-5.90E-08	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.88E-07	-1.89E-07	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



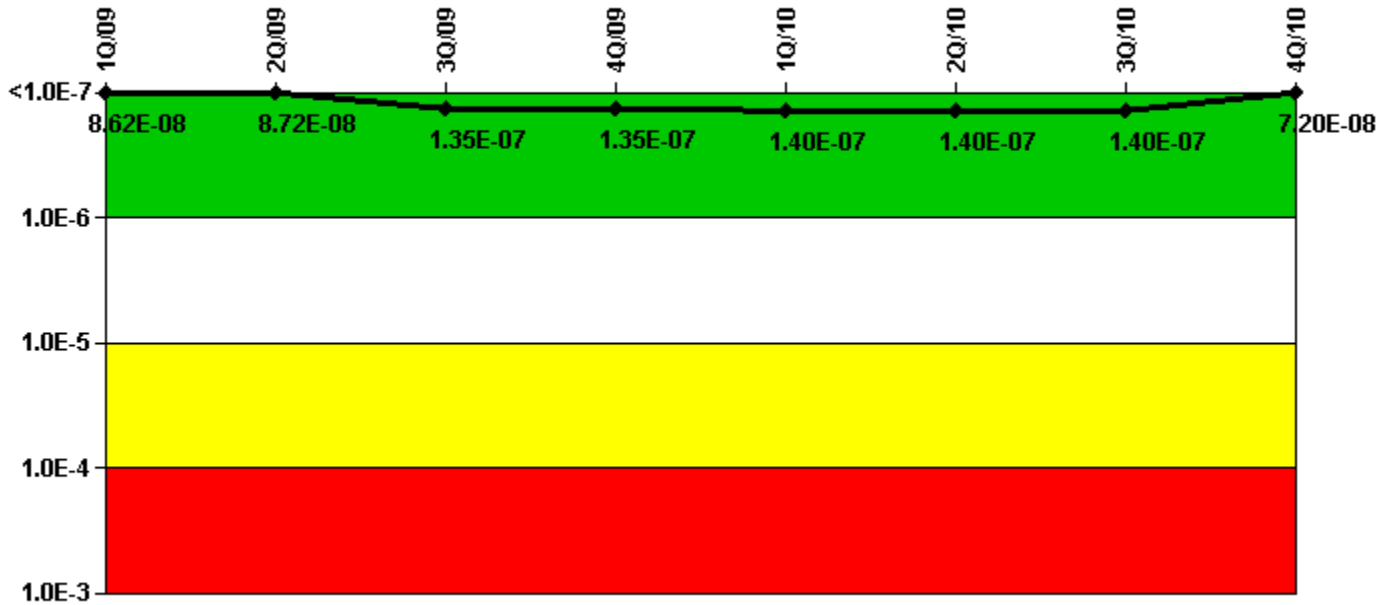
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-1.10E-08	-5.60E-10	3.50E-08	3.50E-08	3.61E-08	2.55E-08	3.50E-08	3.35E-08
URI (Δ CDF)	-4.70E-08	-4.80E-08	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-4.86E-08	6.00E-09	6.00E-09	6.90E-09	-3.90E-09	5.50E-09	3.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



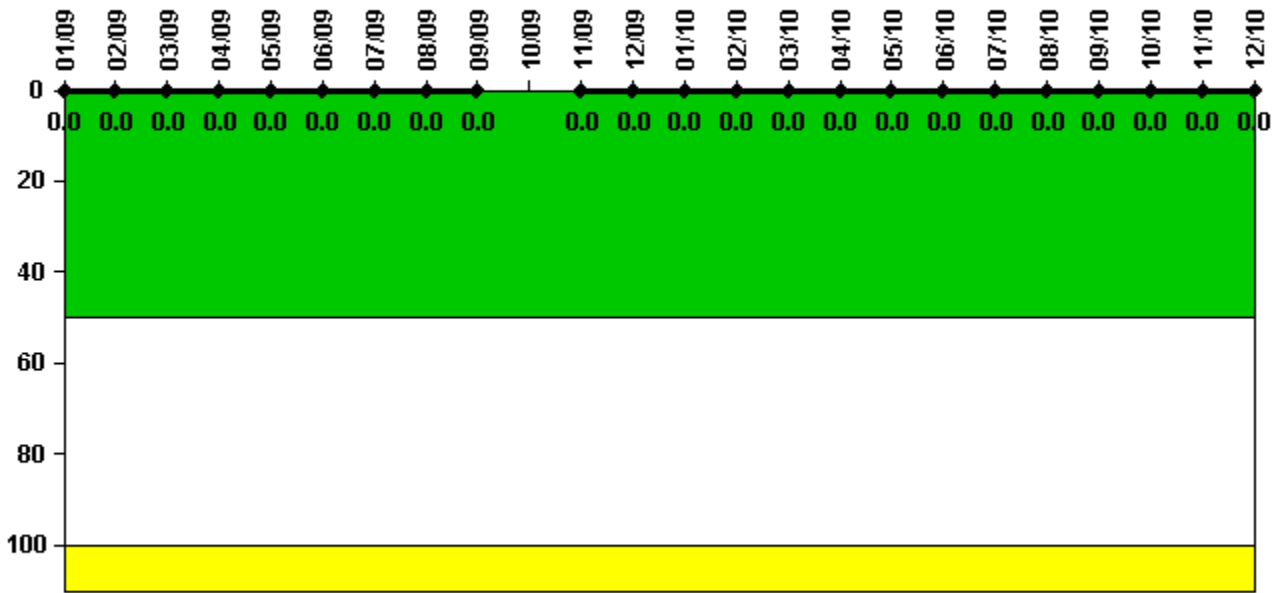
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	7.20E-09	7.20E-09	5.00E-09	5.00E-09	5.46E-09	5.46E-09	5.46E-09	4.23E-10
URI (Δ CDF)	7.90E-08	8.00E-08	1.30E-07	1.30E-07	1.31E-07	1.31E-07	1.31E-07	7.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.62E-08	8.72E-08	1.35E-07	1.35E-07	1.40E-07	1.40E-07	1.40E-07	7.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

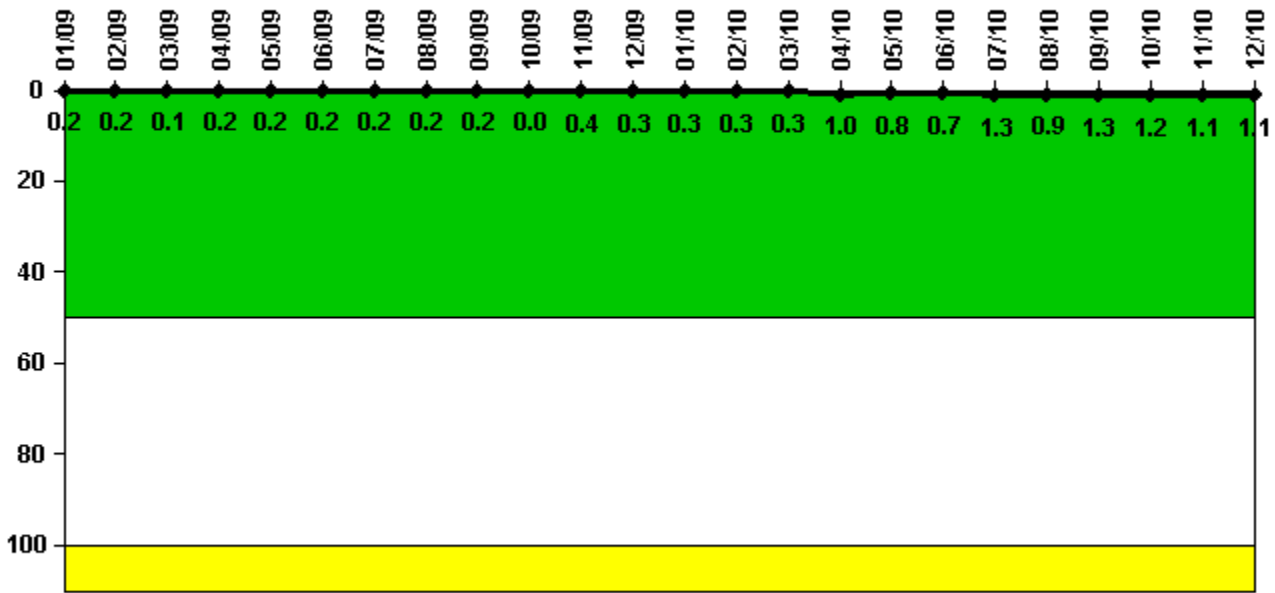
Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000080	0.000075	0.000083	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125	N/A	0.000023	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



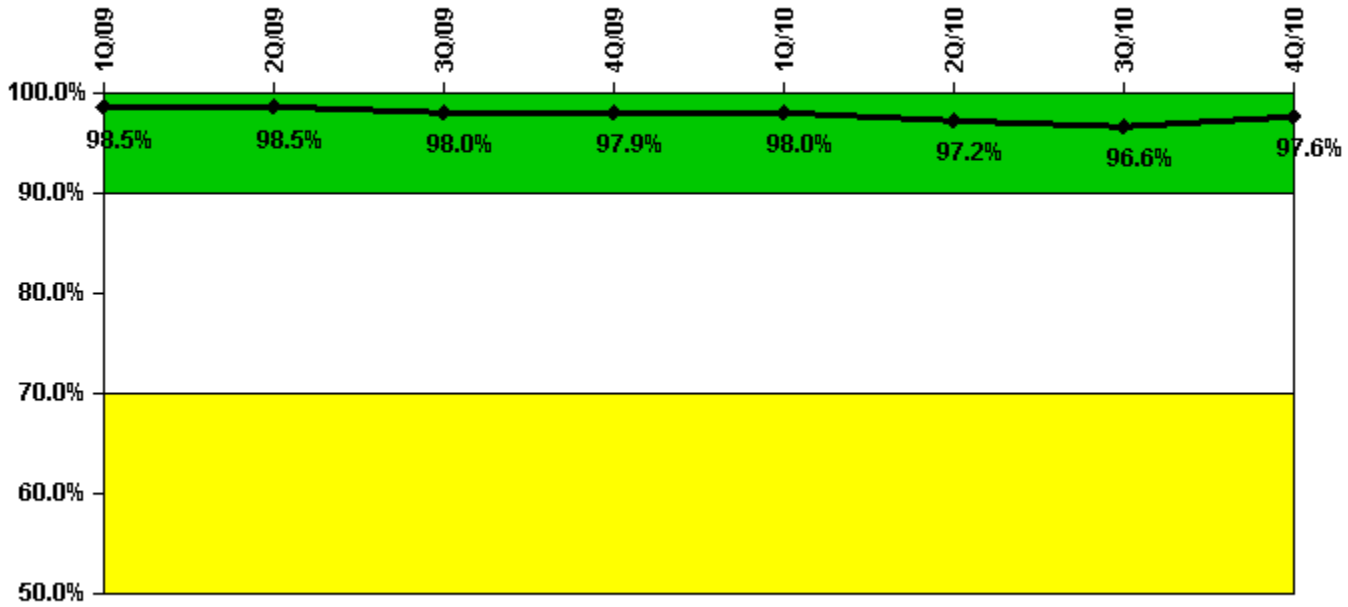
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.016	0.019	0.014	0.019	0.017	0.016	0.017	0.016	0.015	0	0.035	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0	0.4	0.3
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.028	0.032	0.033	0.104	0.082	0.069	0.127	0.088	0.133	0.119	0.107	0.113
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	1.0	0.8	0.7	1.3	0.9	1.3	1.2	1.1	1.1

Licensee Comments: none

Drill/Exercise Performance



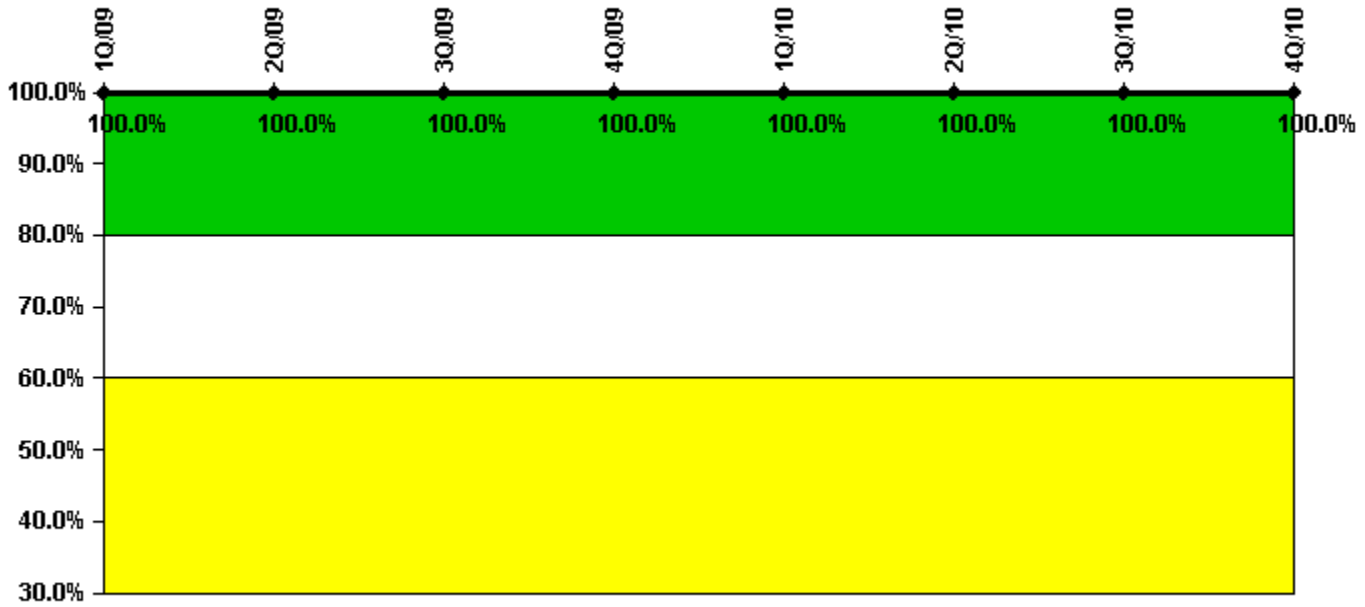
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	18.0	19.0	25.0	26.0	28.0	30.0	33.0	21.0
Total opportunities	18.0	19.0	26.0	26.0	28.0	32.0	35.0	21.0
Indicator value	98.5%	98.5%	98.0%	97.9%	98.0%	97.2%	96.6%	97.6%

Licensee Comments: none

ERO Drill Participation



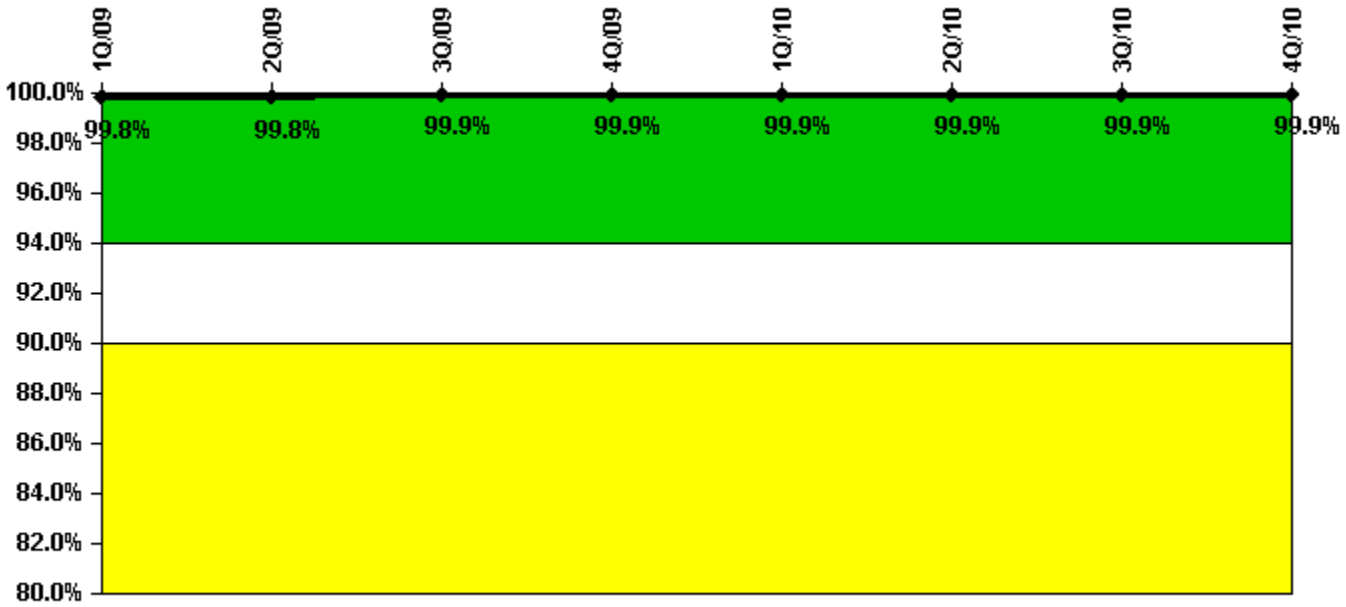
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	84.0	84.0	87.0	82.0	84.0	85.0	86.0	85.0
Total Key personnel	84.0	84.0	87.0	82.0	84.0	85.0	86.0	85.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



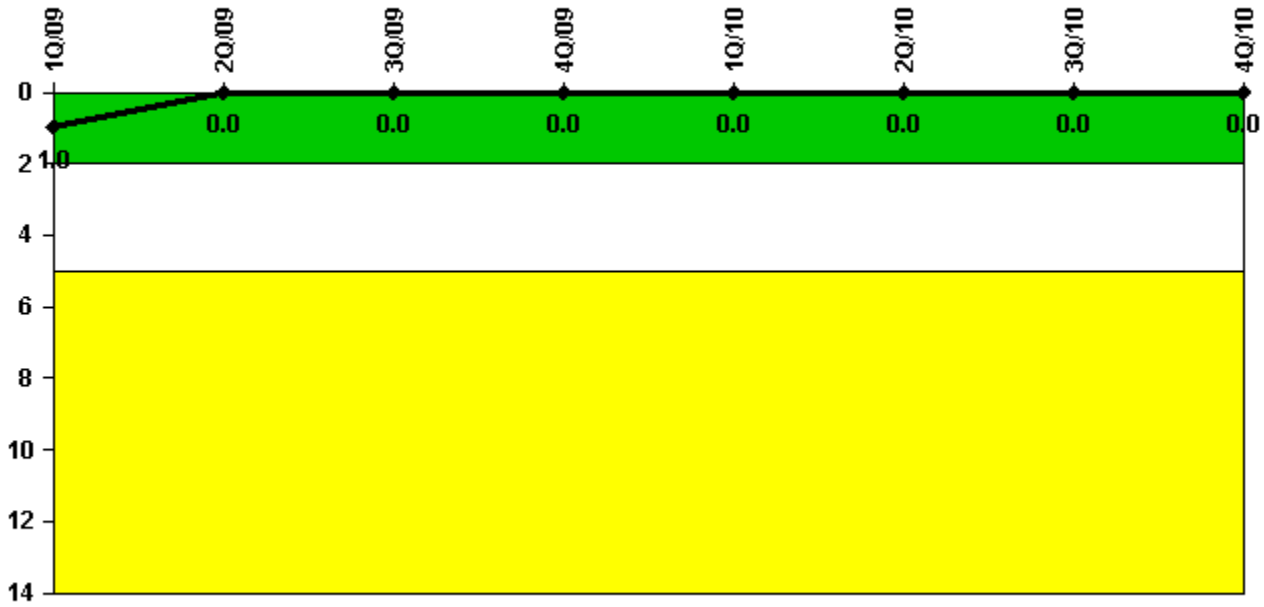
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	846	726	846	725	846	726	845	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



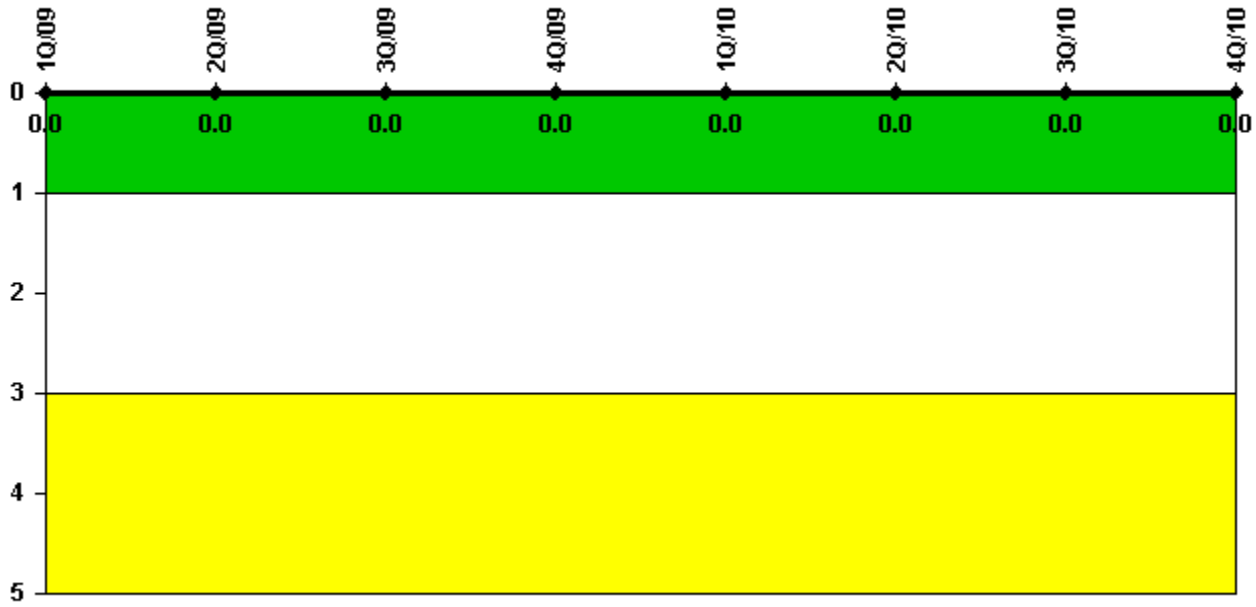
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.

Seabrook 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



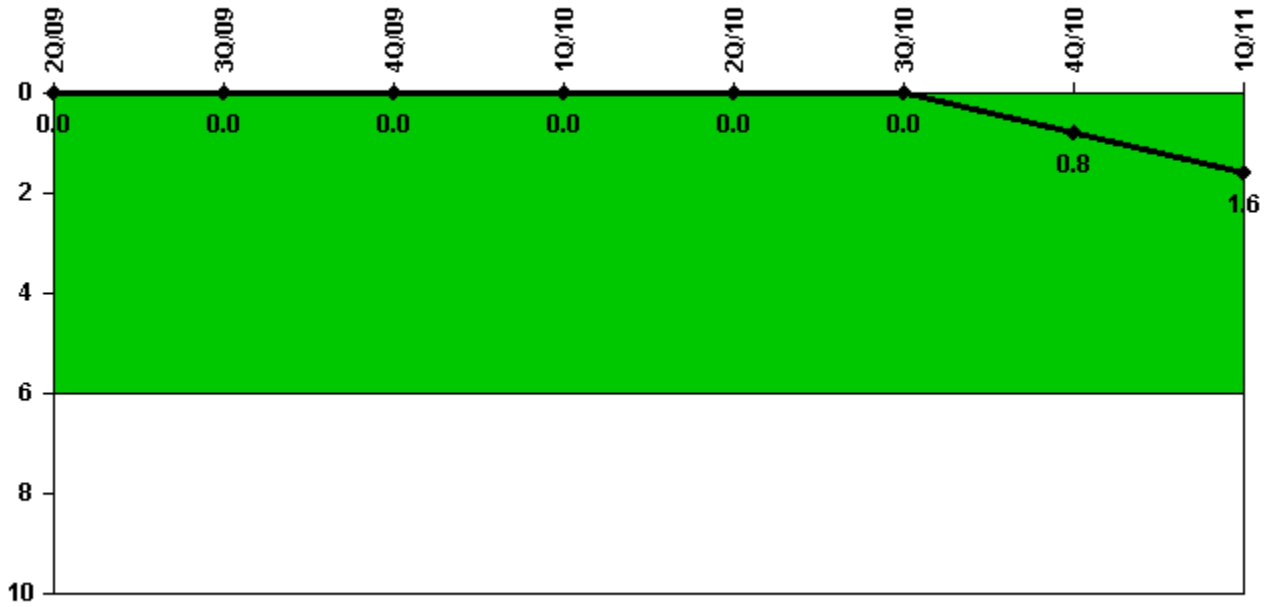
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



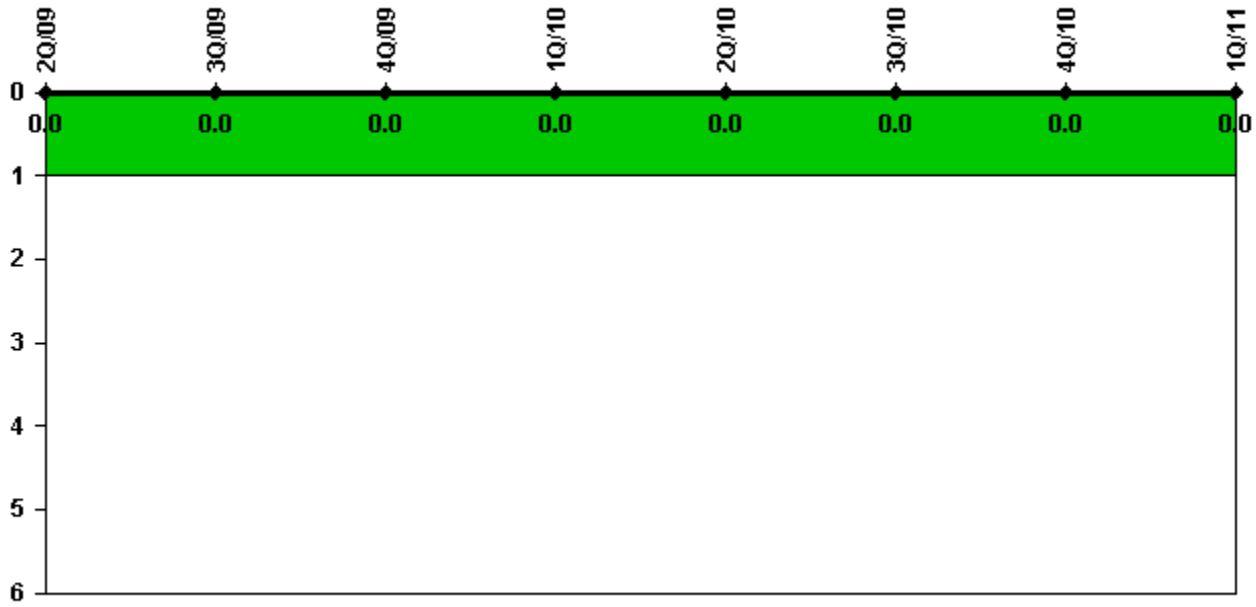
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	2184.0	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0.8	1.6

Licensee Comments: none

Unplanned Scrams with Complications



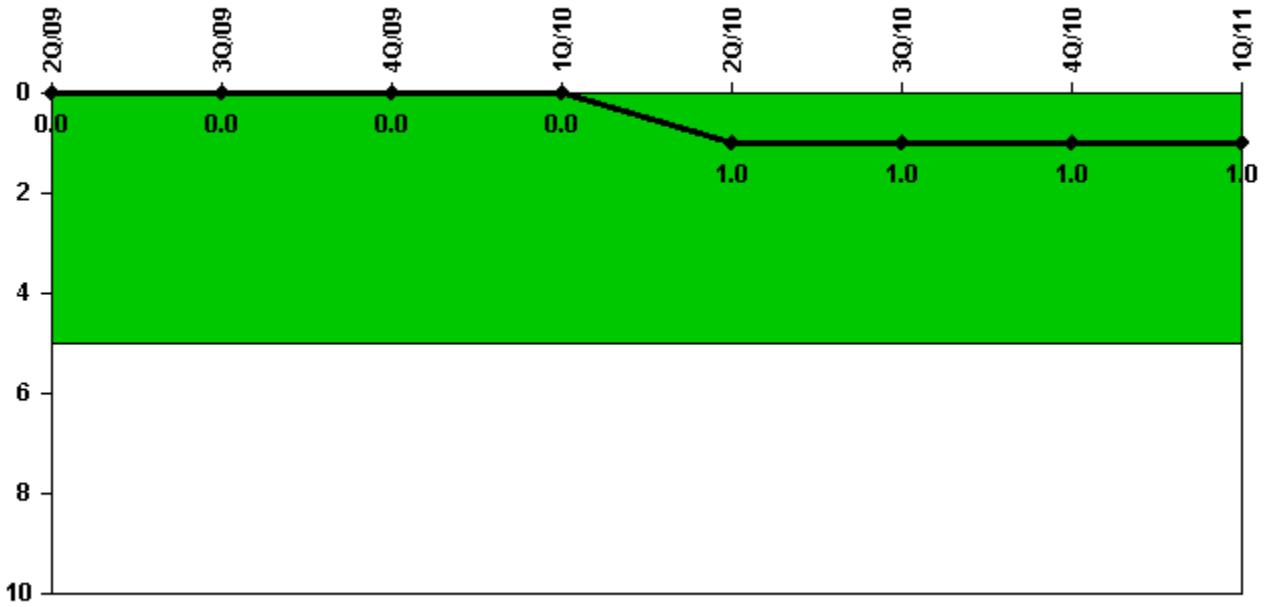
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



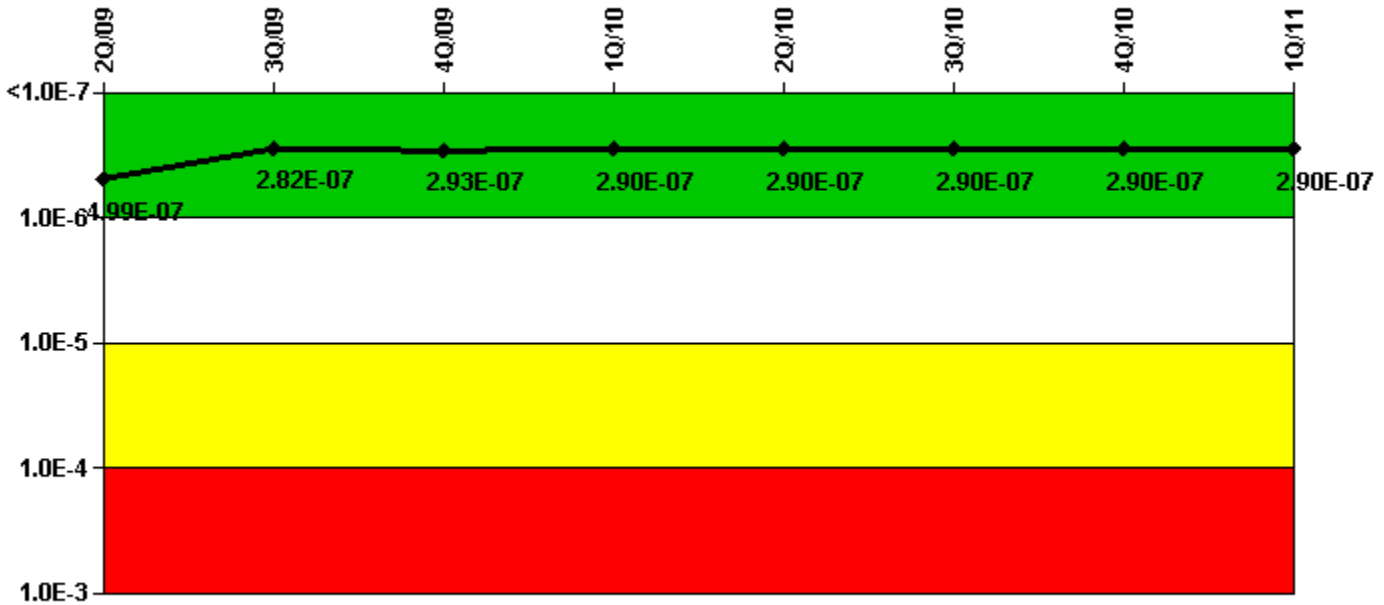
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



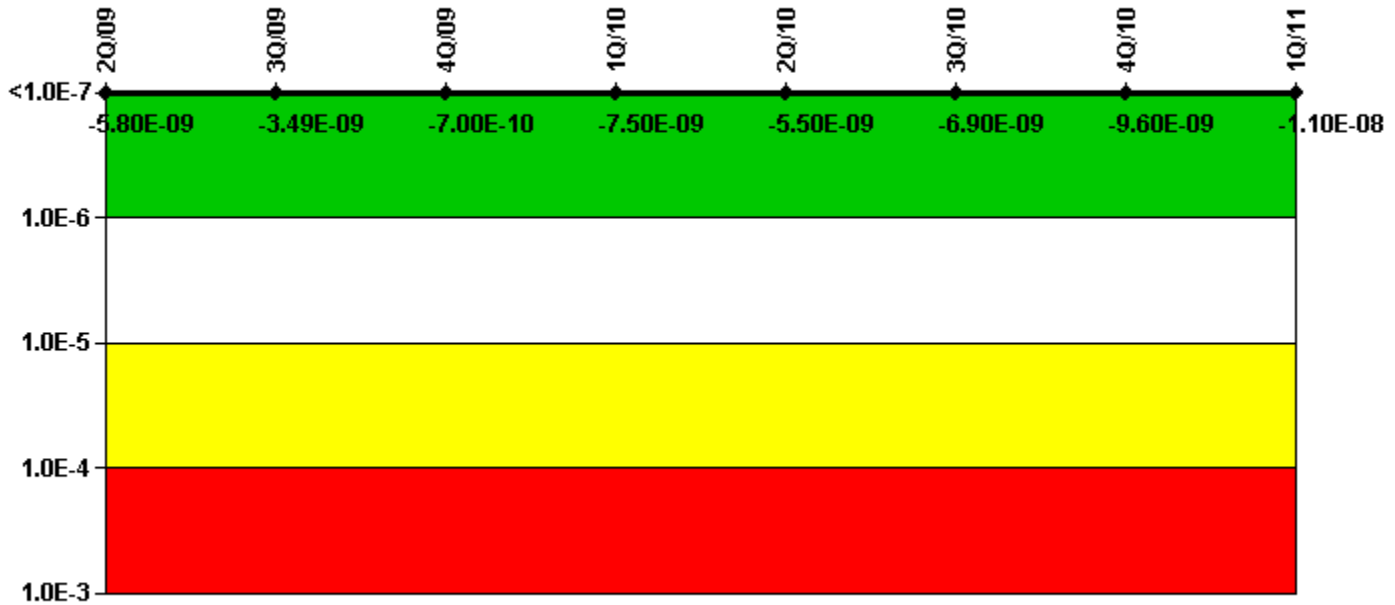
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	9.00E-09	2.40E-09	2.90E-09	2.89E-09	2.89E-09	2.89E-09	2.89E-09	2.47E-09
URI (Δ CDF)	4.90E-07	2.80E-07	2.90E-07	2.86E-07	2.87E-07	2.88E-07	2.87E-07	2.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.99E-07	2.82E-07	2.93E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



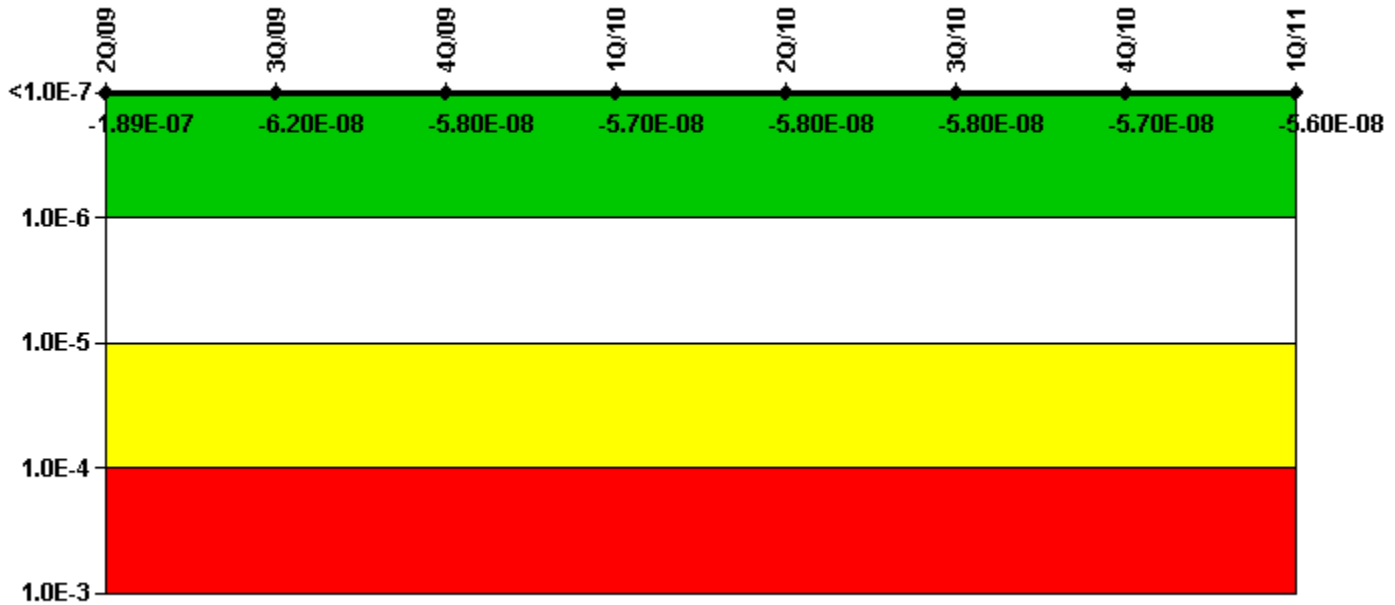
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	3.10E-09	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09
URI (Δ CDF)	-8.90E-09	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



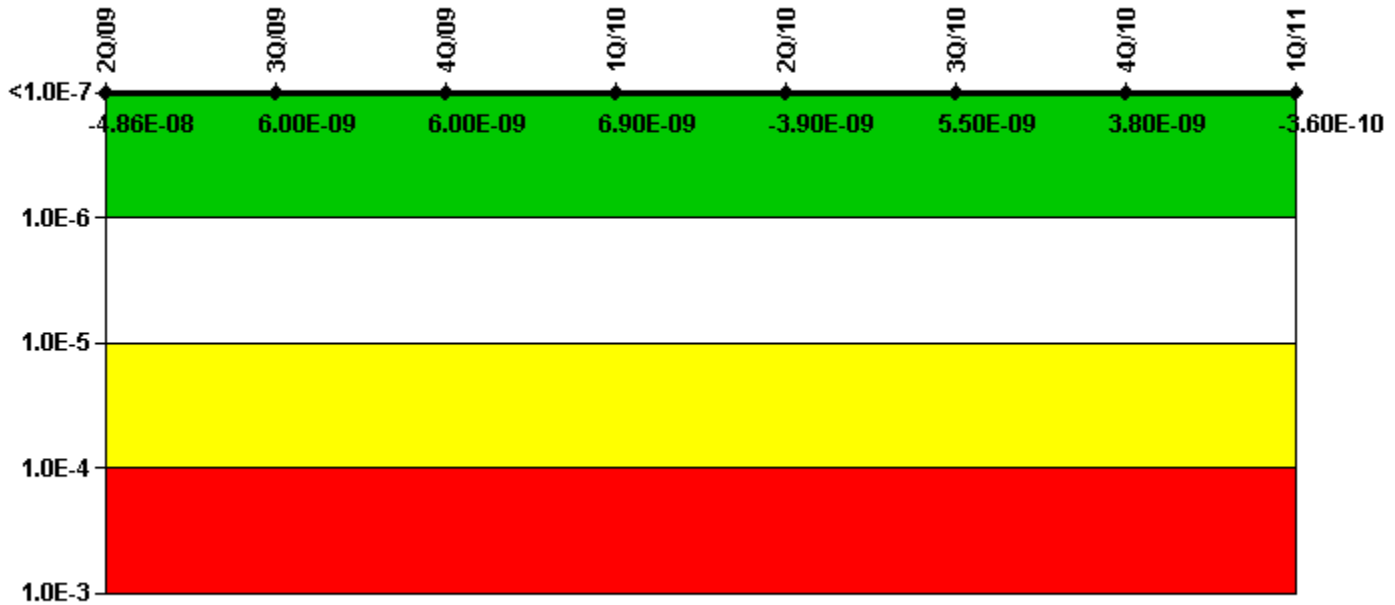
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-5.90E-08	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08
URI (Δ CDF)	-1.30E-07	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.89E-07	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



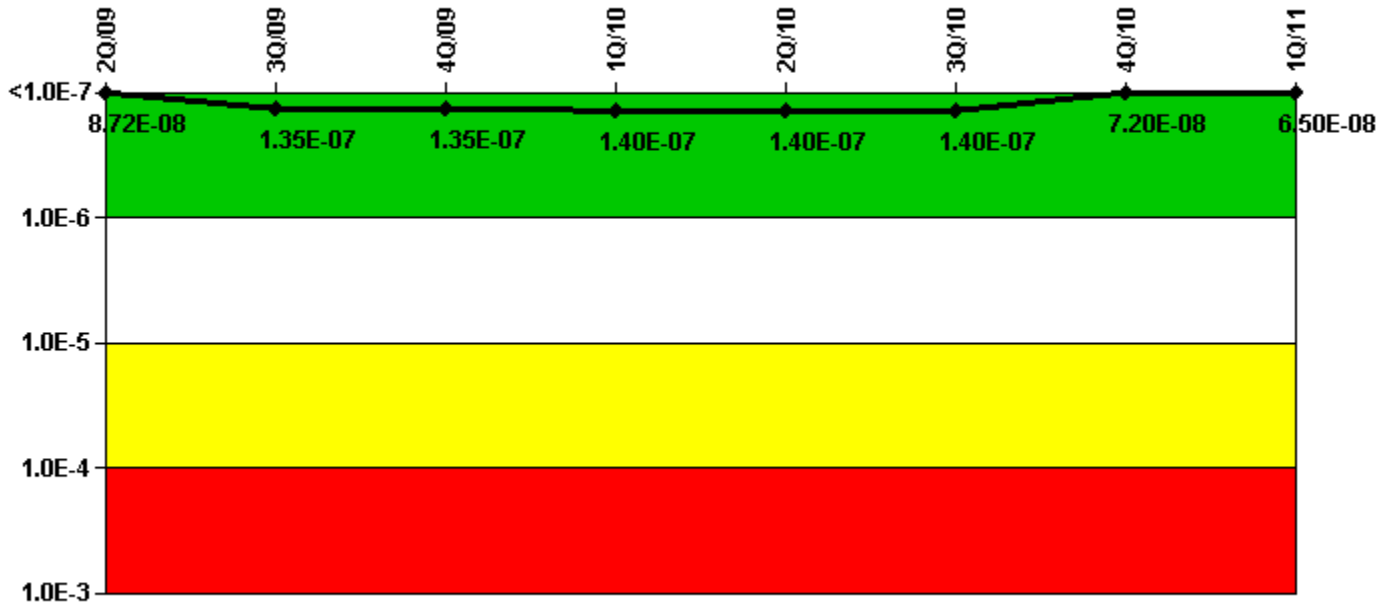
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-5.60E-10	3.50E-08	3.50E-08	3.61E-08	2.55E-08	3.50E-08	3.35E-08	2.83E-08
URI (Δ CDF)	-4.80E-08	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.86E-08	6.00E-09	6.00E-09	6.90E-09	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



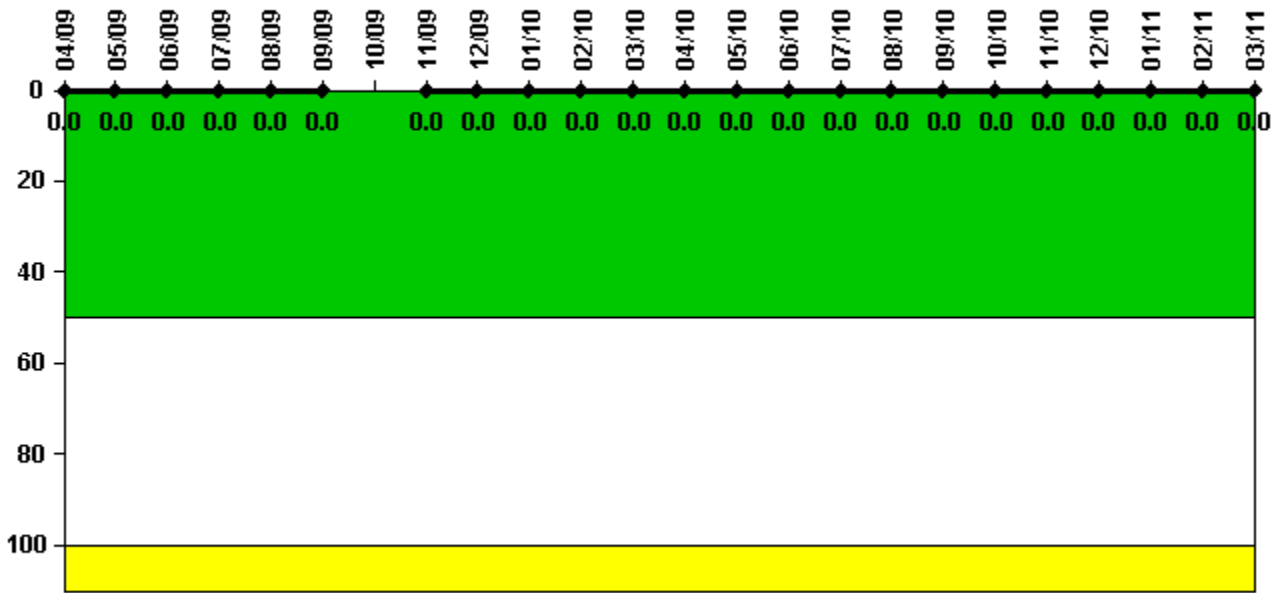
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	7.20E-09	5.00E-09	5.00E-09	5.46E-09	5.46E-09	5.46E-09	4.23E-10	4.19E-10
URI (Δ CDF)	8.00E-08	1.30E-07	1.30E-07	1.31E-07	1.31E-07	1.31E-07	7.13E-08	6.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.72E-08	1.35E-07	1.35E-07	1.40E-07	1.40E-07	1.40E-07	7.20E-08	6.50E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

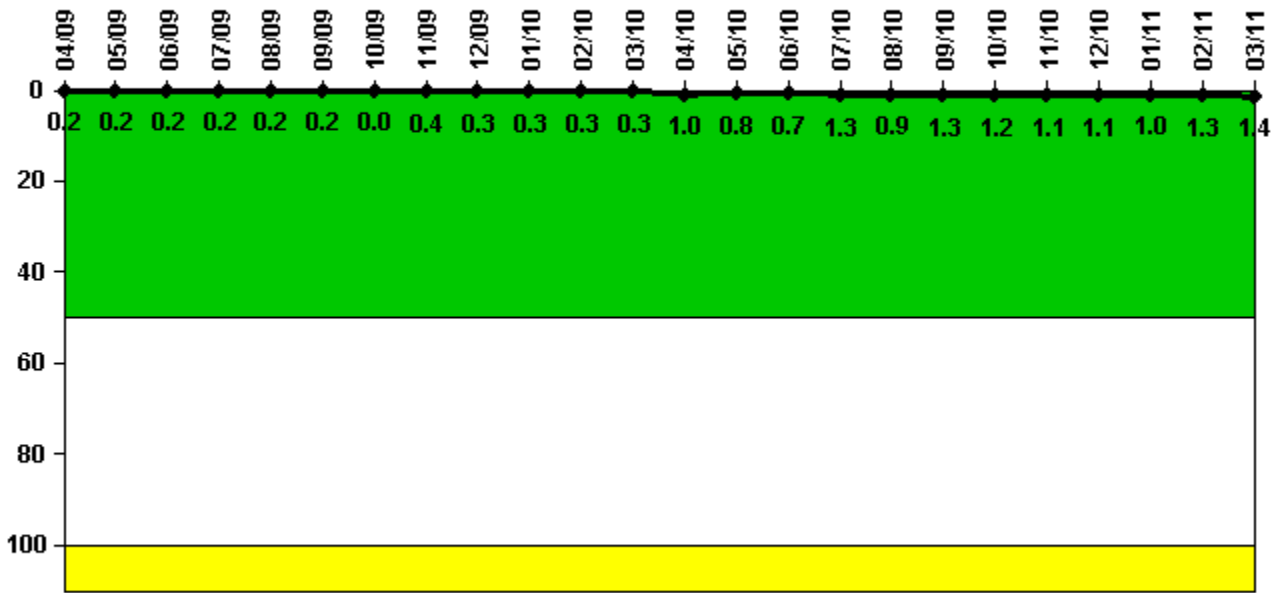
Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000090	0.000086	0.000097	0.000102	0.000101	0.000125	N/A	0.000023	0.000054	0.000053	0.000067	0.000068
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



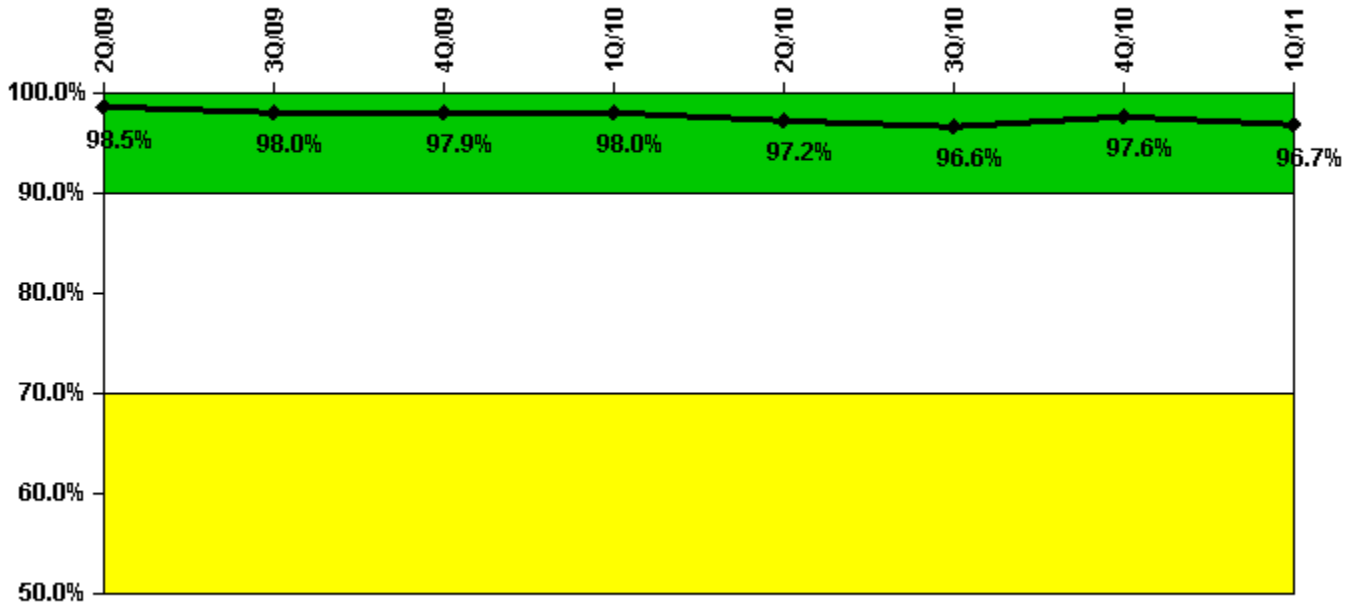
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.019	0.017	0.016	0.017	0.016	0.015	0	0.035	0.029	0.028	0.032	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.104	0.082	0.069	0.127	0.088	0.133	0.119	0.107	0.113	0.097	0.133	0.144
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.8	0.7	1.3	0.9	1.3	1.2	1.1	1.1	1.0	1.3	1.4

Licensee Comments: none

Drill/Exercise Performance



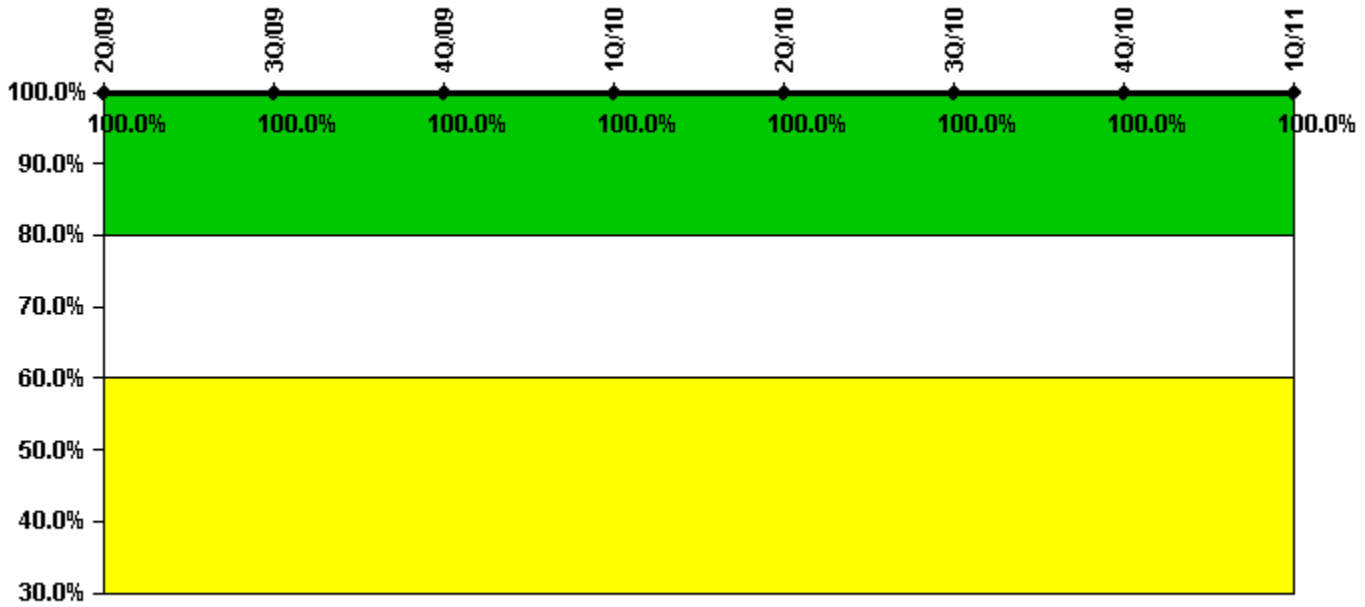
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	19.0	25.0	26.0	28.0	30.0	33.0	21.0	55.0
Total opportunities	19.0	26.0	26.0	28.0	32.0	35.0	21.0	58.0
Indicator value	98.5%	98.0%	97.9%	98.0%	97.2%	96.6%	97.6%	96.7%

Licensee Comments: none

ERO Drill Participation



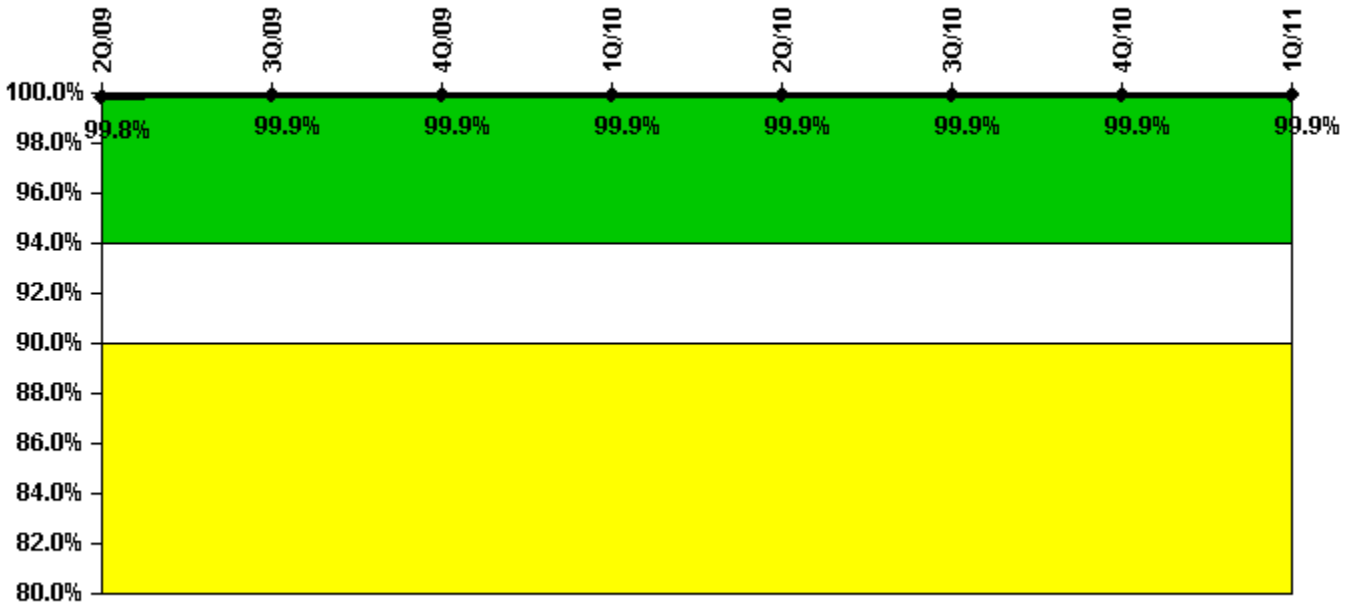
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	84.0	87.0	82.0	84.0	85.0	86.0	85.0	86.0
Total Key personnel	84.0	87.0	82.0	84.0	85.0	86.0	85.0	86.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



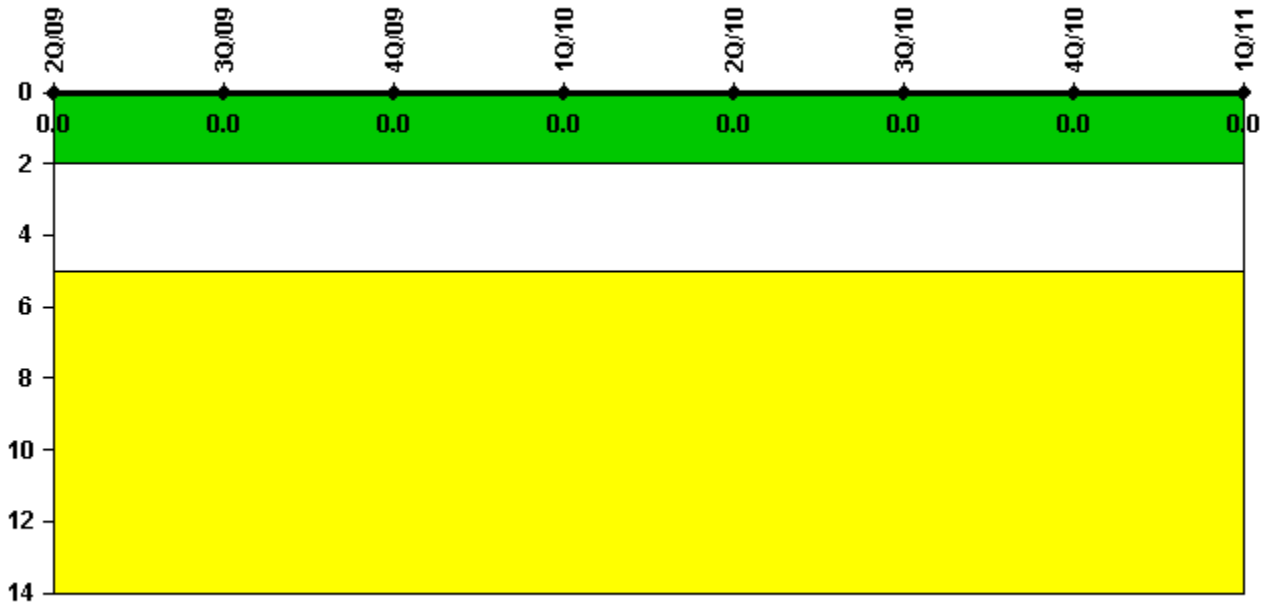
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	726	846	725	846	726	845	726	845
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



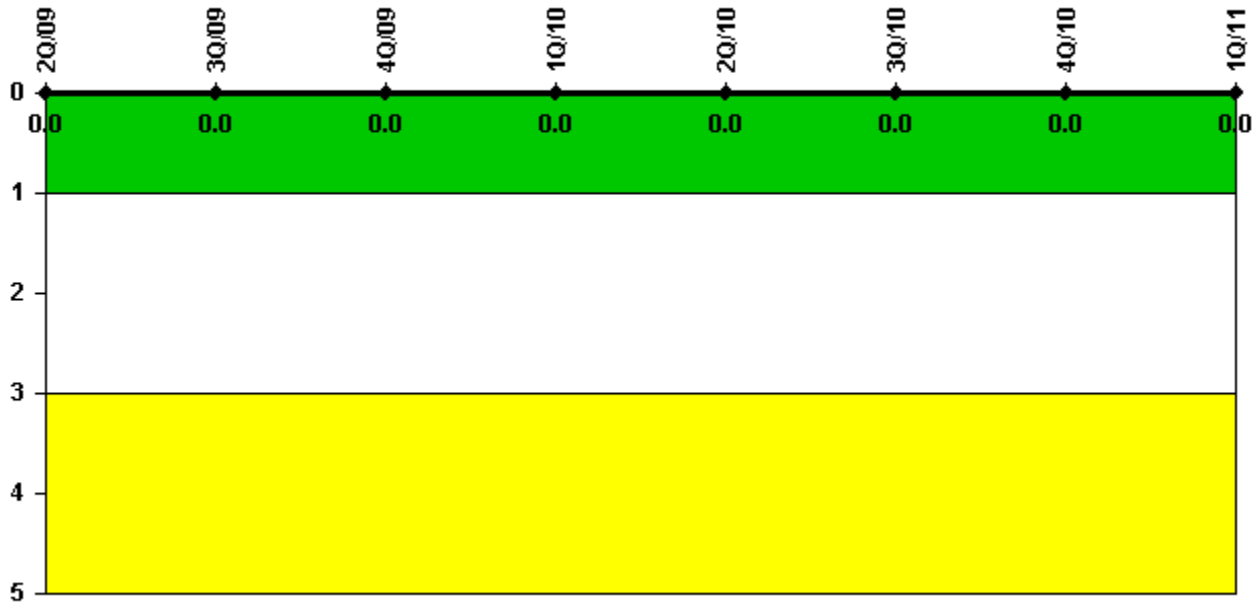
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.

Seabrook 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



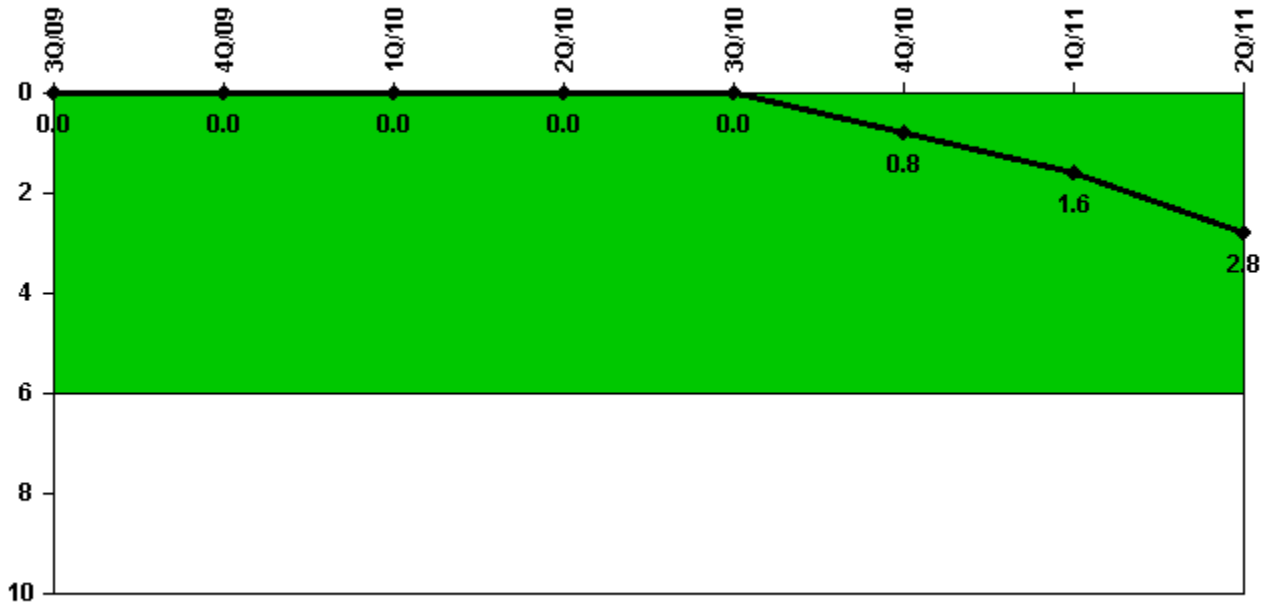
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



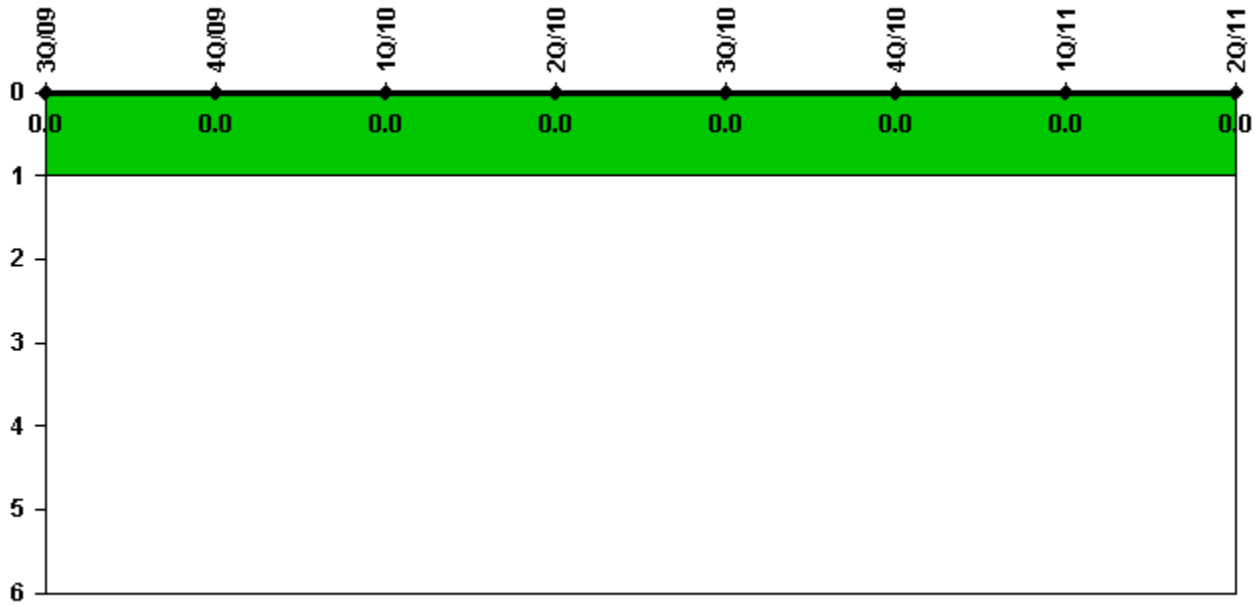
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	1.0	1.0	1.0
Critical hours	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4
Indicator value	0	0	0	0	0	0.8	1.6	2.8

Licensee Comments: none

Unplanned Scrams with Complications



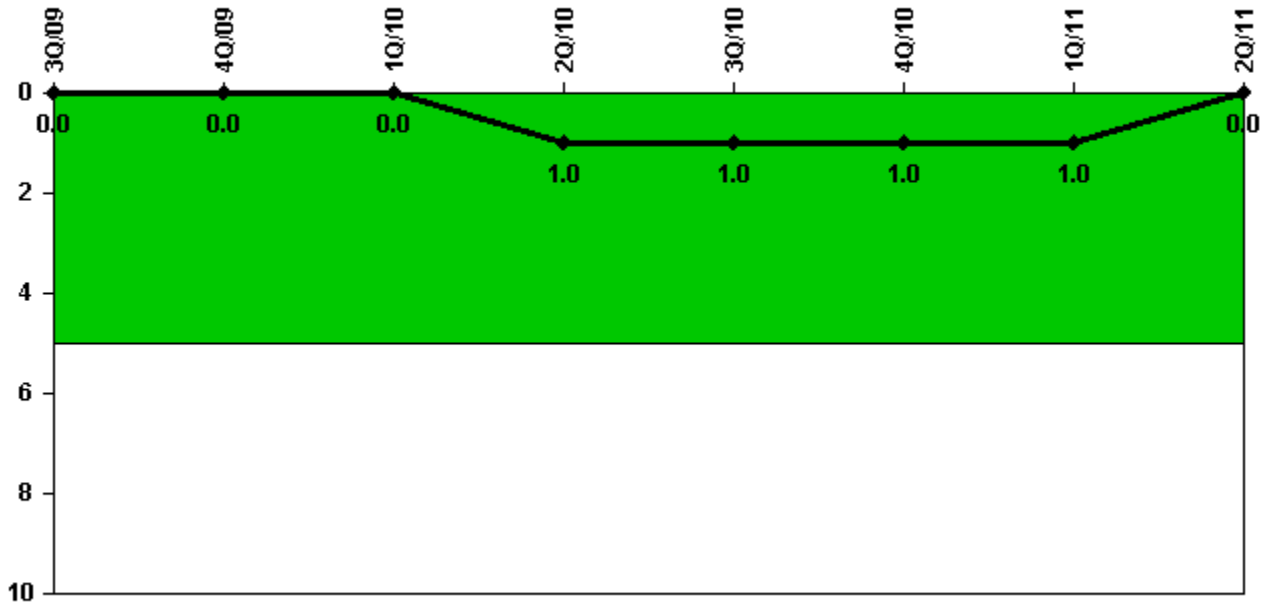
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



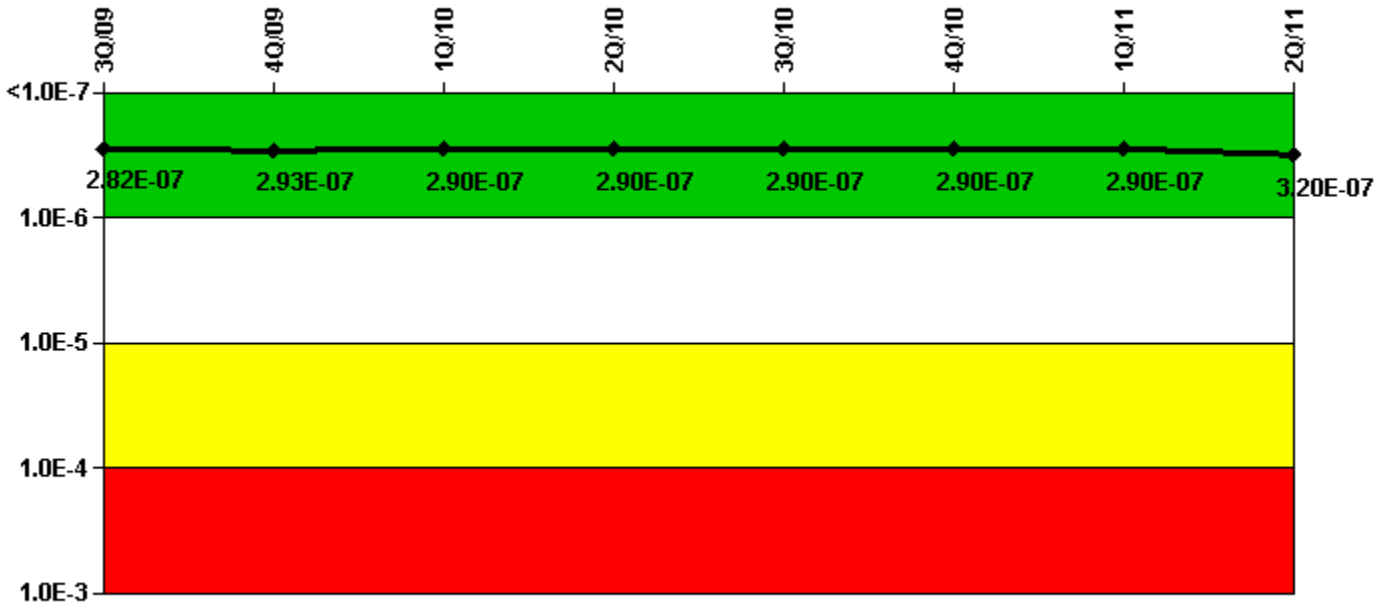
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



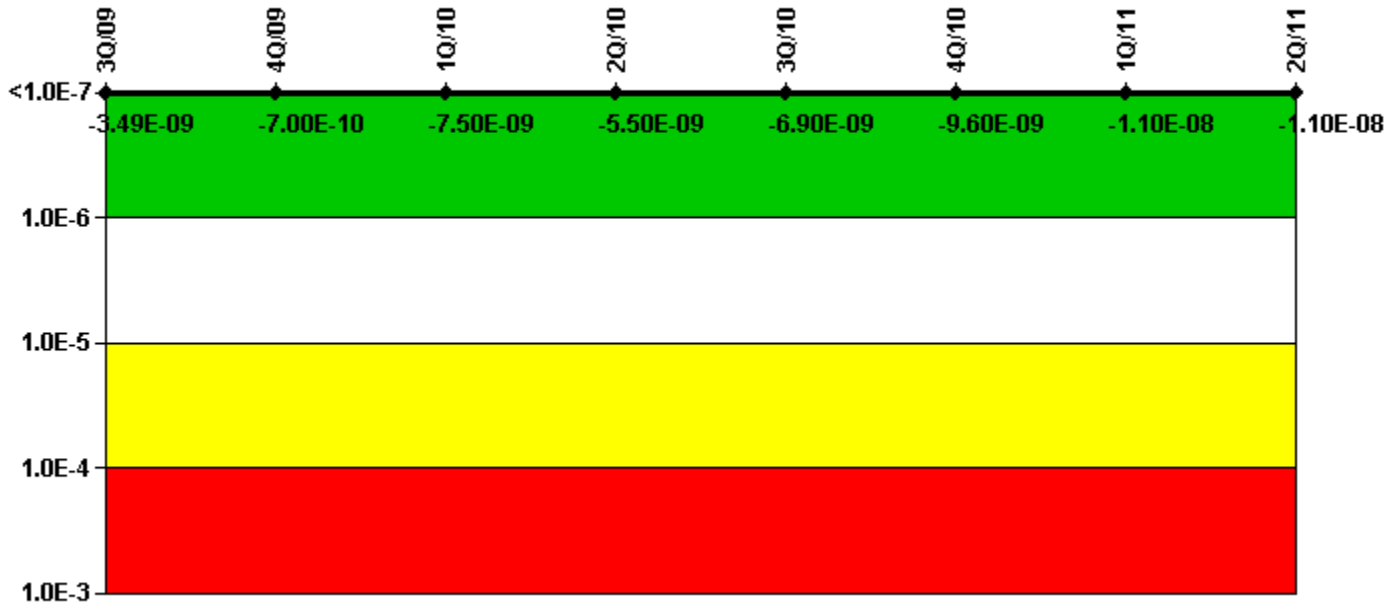
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.40E-09	2.90E-09	2.89E-09	2.89E-09	2.89E-09	2.89E-09	2.47E-09	3.11E-09
URI (ΔCDF)	2.80E-07	2.90E-07	2.86E-07	2.87E-07	2.88E-07	2.87E-07	2.90E-07	3.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.82E-07	2.93E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	3.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



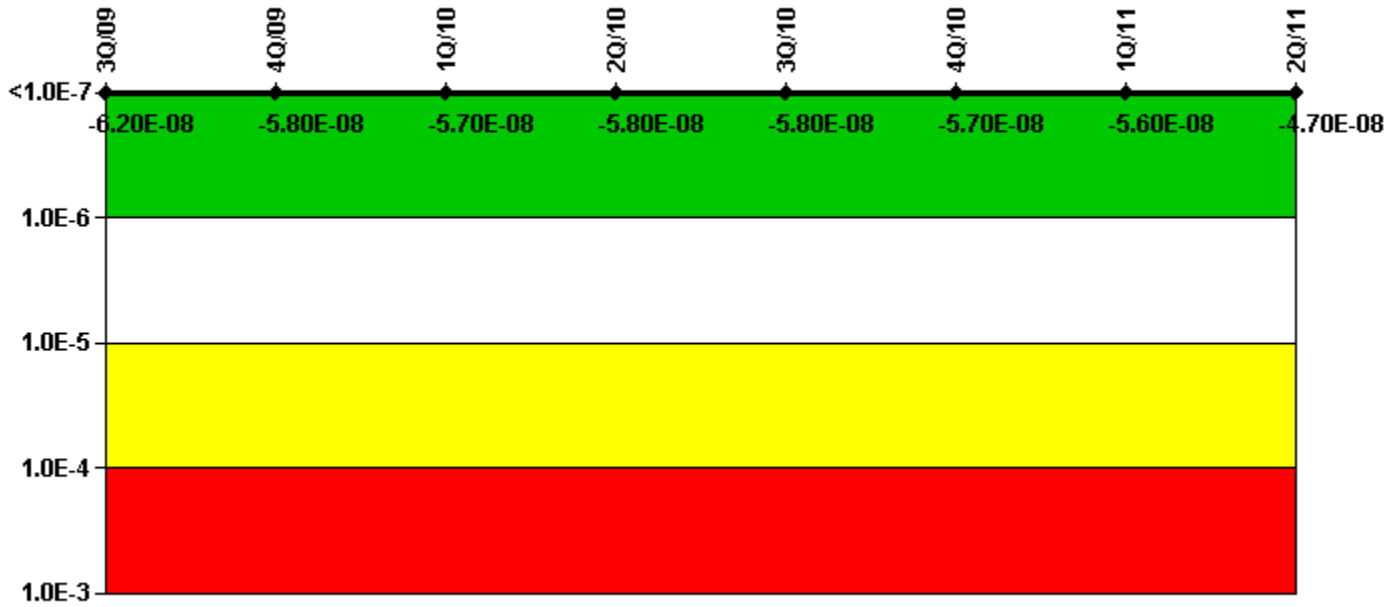
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09
URI (Δ CDF)	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



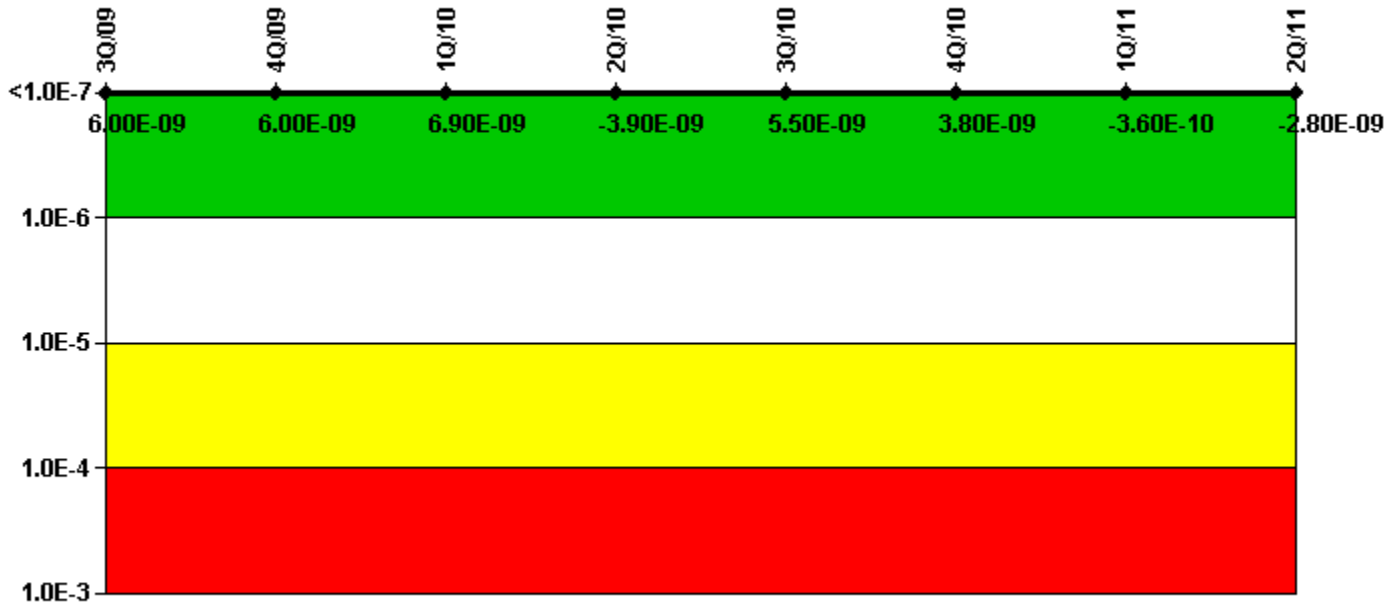
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09
URI (Δ CDF)	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



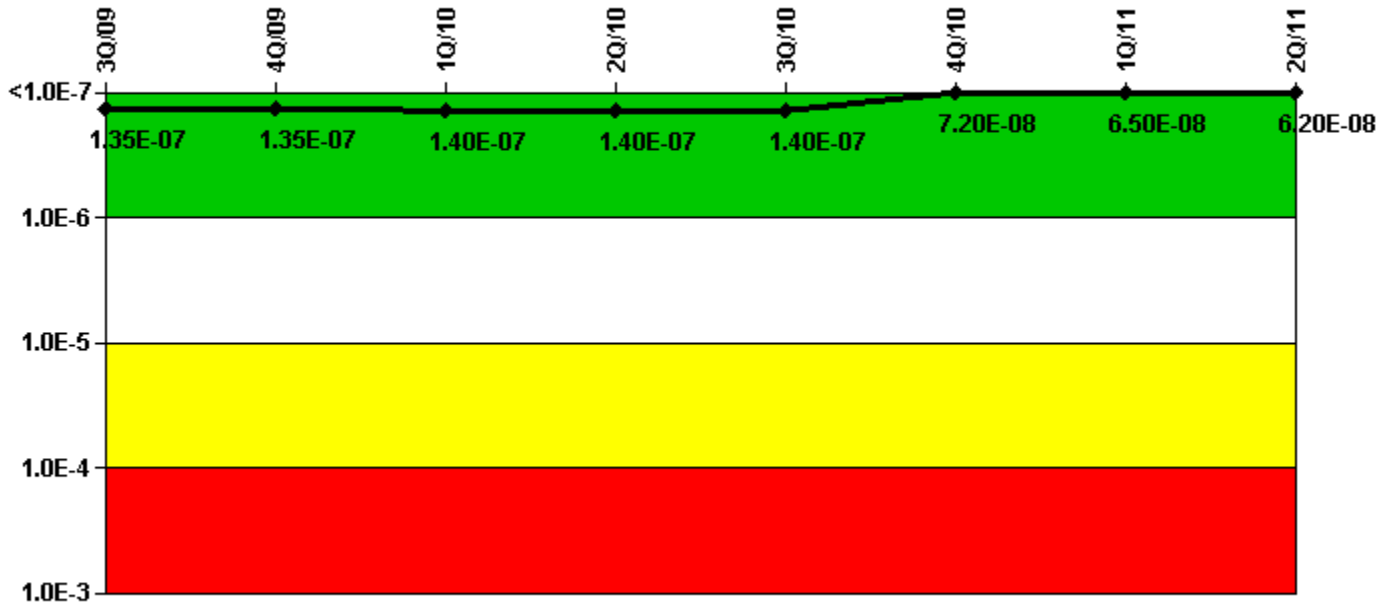
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	3.50E-08	3.50E-08	3.61E-08	2.55E-08	3.50E-08	3.35E-08	2.83E-08	2.90E-08
URI (Δ CDF)	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	6.00E-09	6.90E-09	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



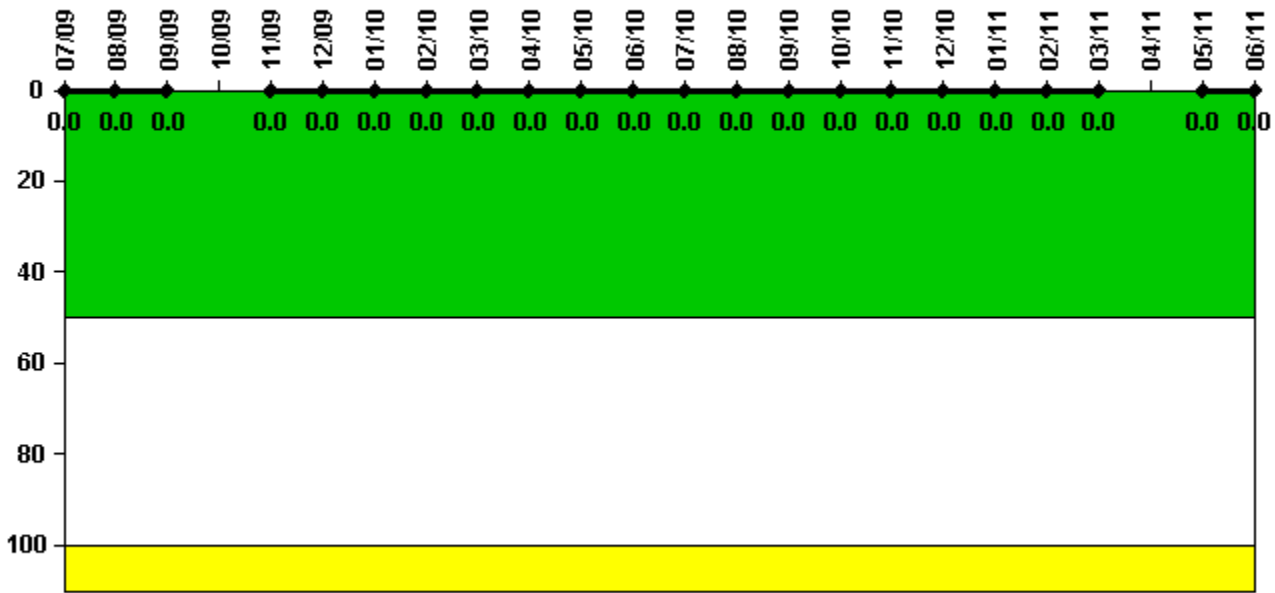
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	5.00E-09	5.00E-09	5.46E-09	5.46E-09	5.46E-09	4.23E-10	4.19E-10	4.25E-10
URI (Δ CDF)	1.30E-07	1.30E-07	1.31E-07	1.31E-07	1.31E-07	7.13E-08	6.48E-08	6.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.35E-07	1.35E-07	1.40E-07	1.40E-07	1.40E-07	7.20E-08	6.50E-08	6.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

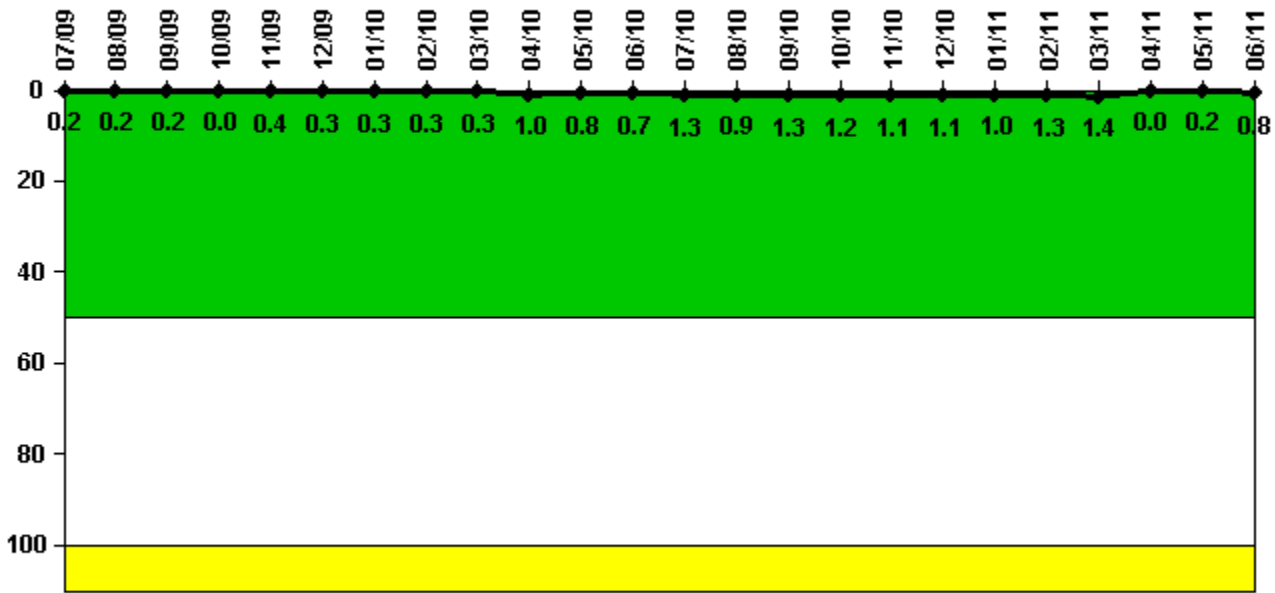
Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000102	0.000101	0.000125	N/A	0.000023	0.000054	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106	N/A	0.000033	0.000065
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments:

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



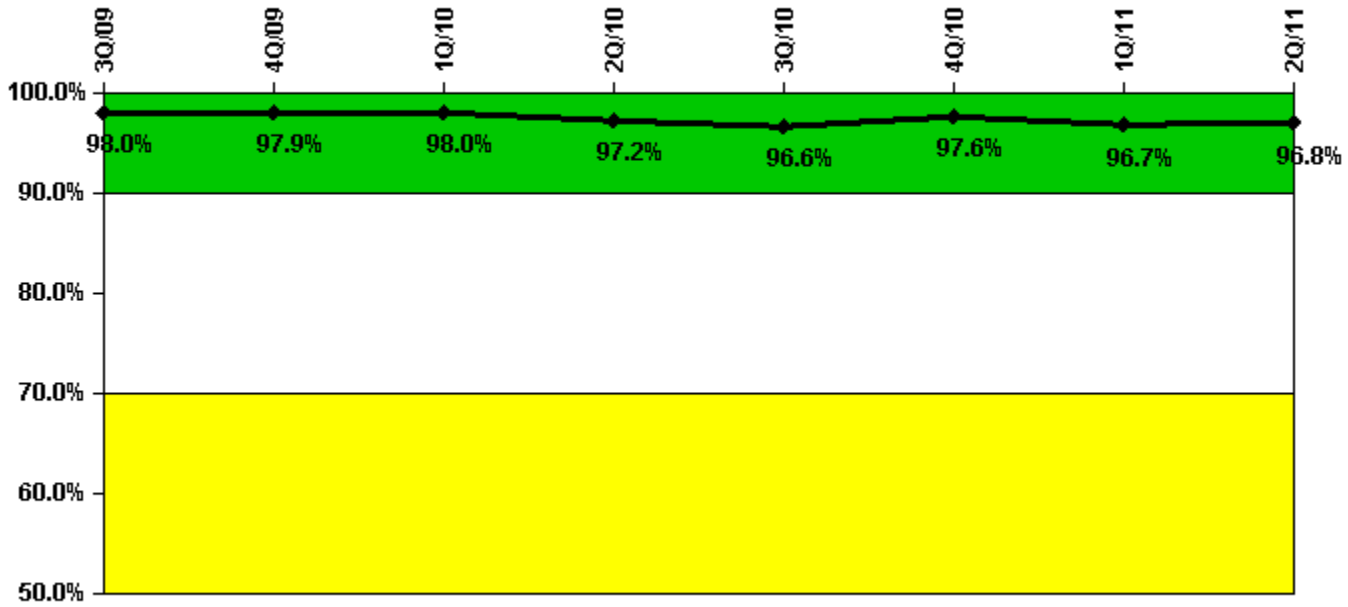
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.017	0.016	0.015	0	0.035	0.029	0.028	0.032	0.033	0.104	0.082	0.069
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3	1.0	0.8	0.7
Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.127	0.088	0.133	0.119	0.107	0.113	0.097	0.133	0.144	0	0.021	0.083
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.9	1.3	1.2	1.1	1.1	1.0	1.3	1.4	0	0.2	0.8

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

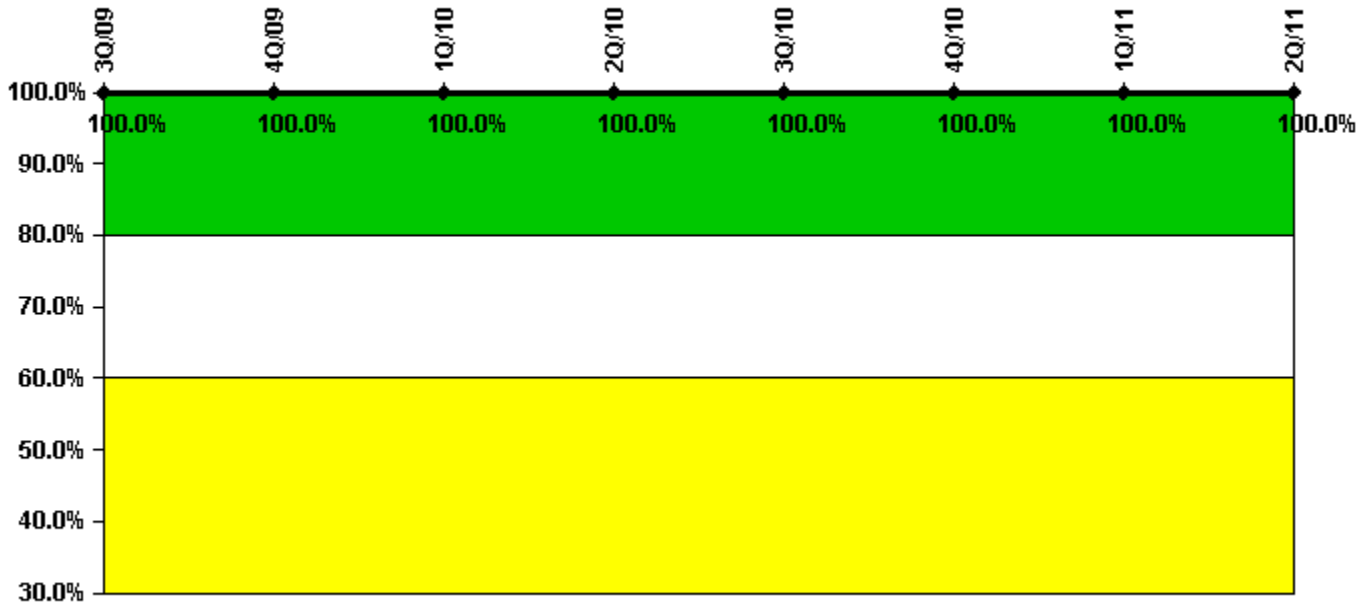
Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	25.0	26.0	28.0	30.0	33.0	21.0	55.0	21.0
Total opportunities	26.0	26.0	28.0	32.0	35.0	21.0	58.0	21.0
Indicator value	98.0%	97.9%	98.0%	97.2%	96.6%	97.6%	96.7%	96.8%

Licensee Comments:

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



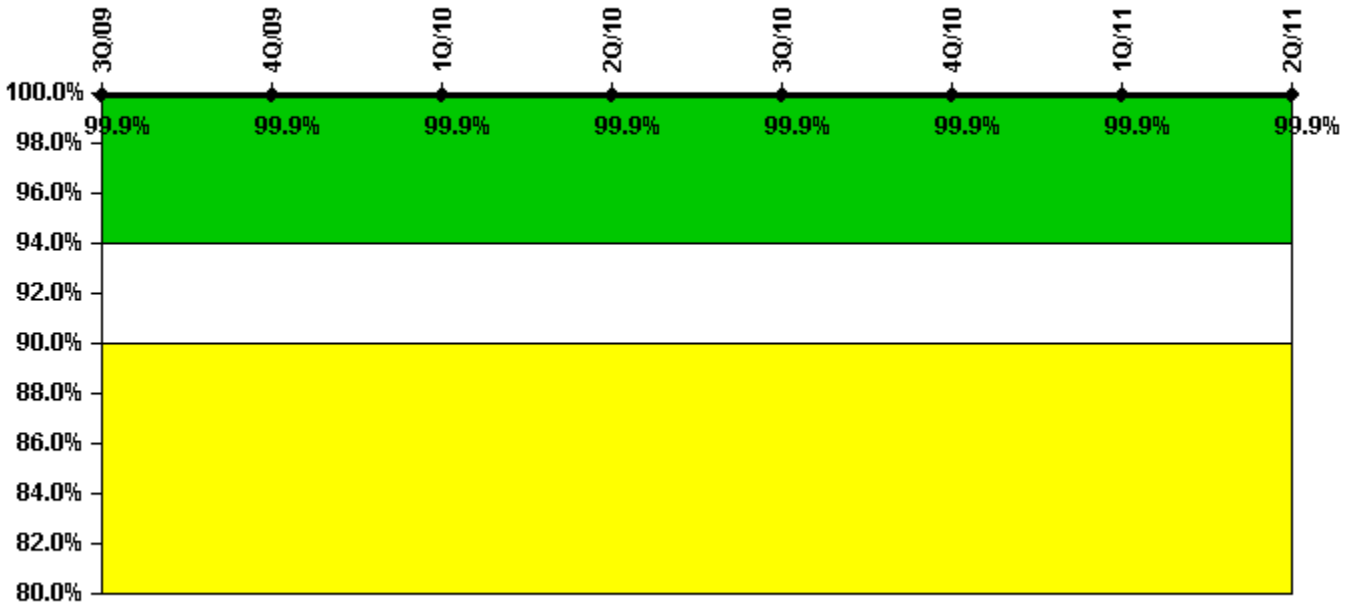
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	87.0	82.0	84.0	85.0	86.0	85.0	86.0	89.0
Total Key personnel	87.0	82.0	84.0	85.0	86.0	85.0	86.0	89.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



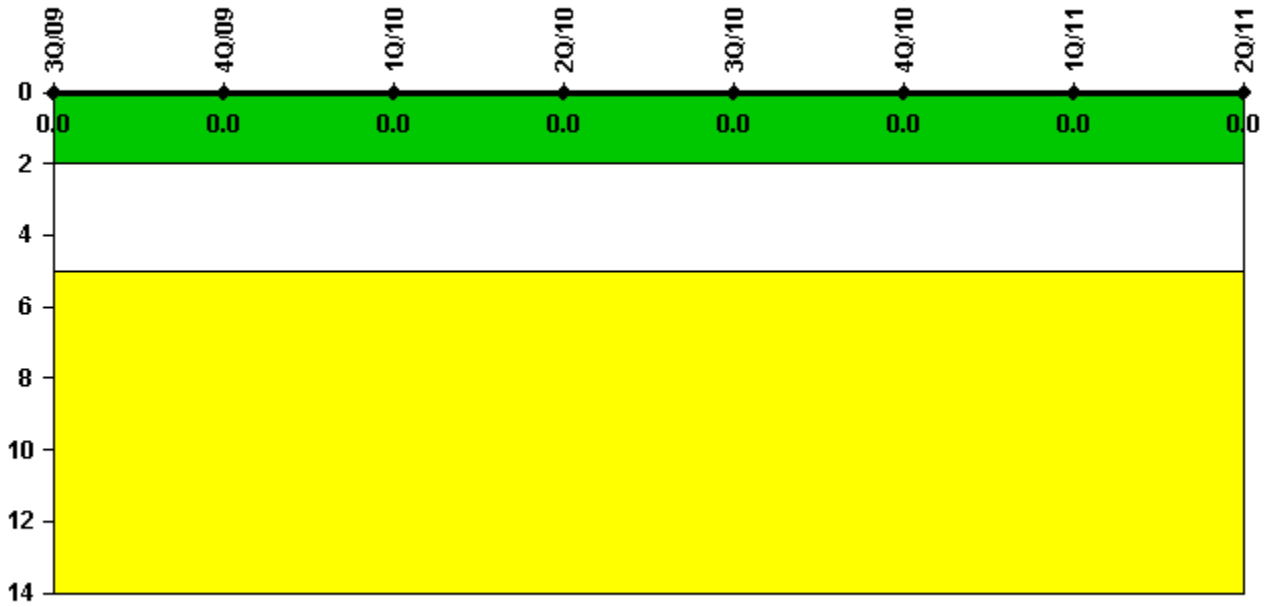
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	846	725	846	726	845	726	845	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



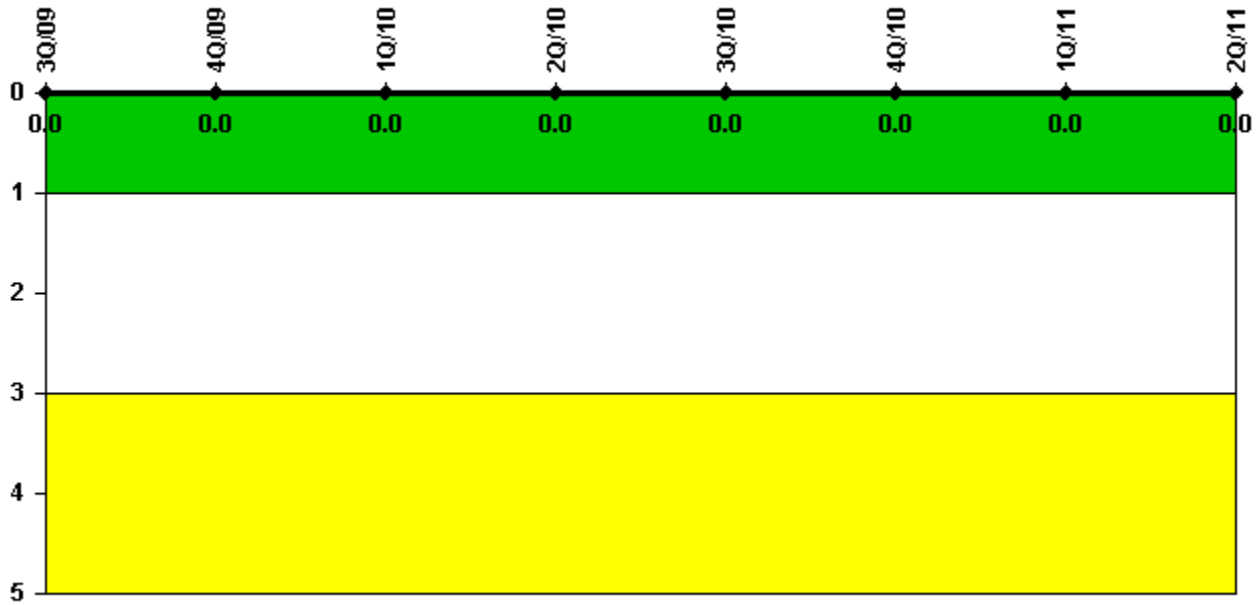
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.

[▲ Action Matrix Summary](#) |
 [Inspection Findings Summary](#) |
 [PI Summary](#) |
 [Reactor Oversight Process](#)

Last Modified: July 22, 2011

Seabrook 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



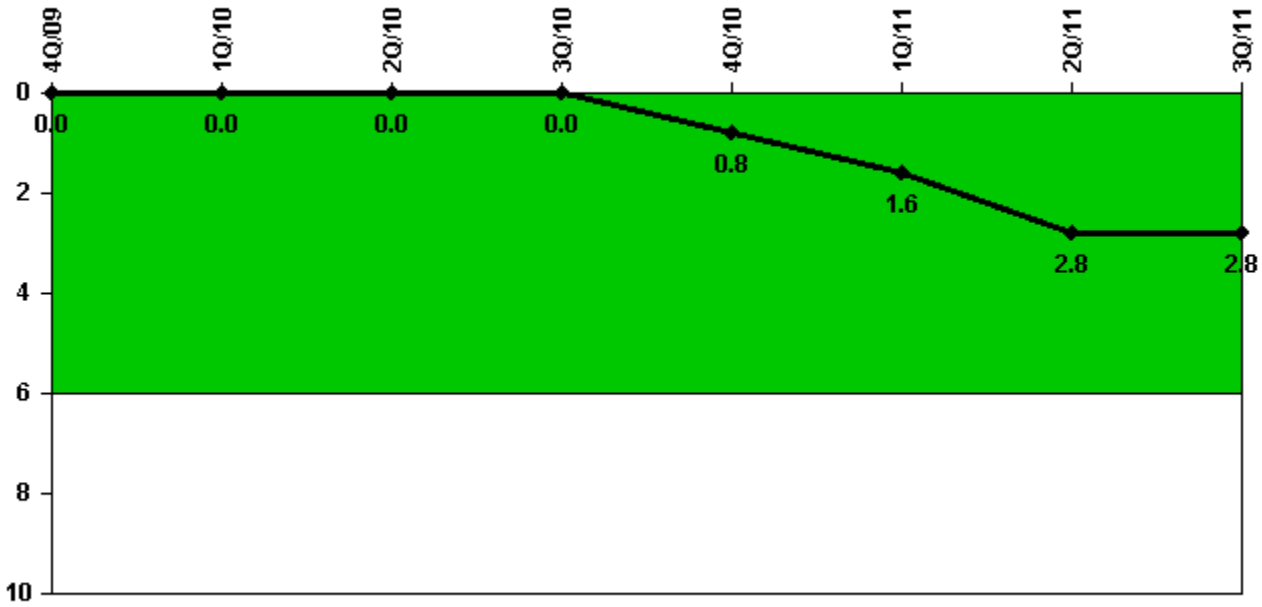
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



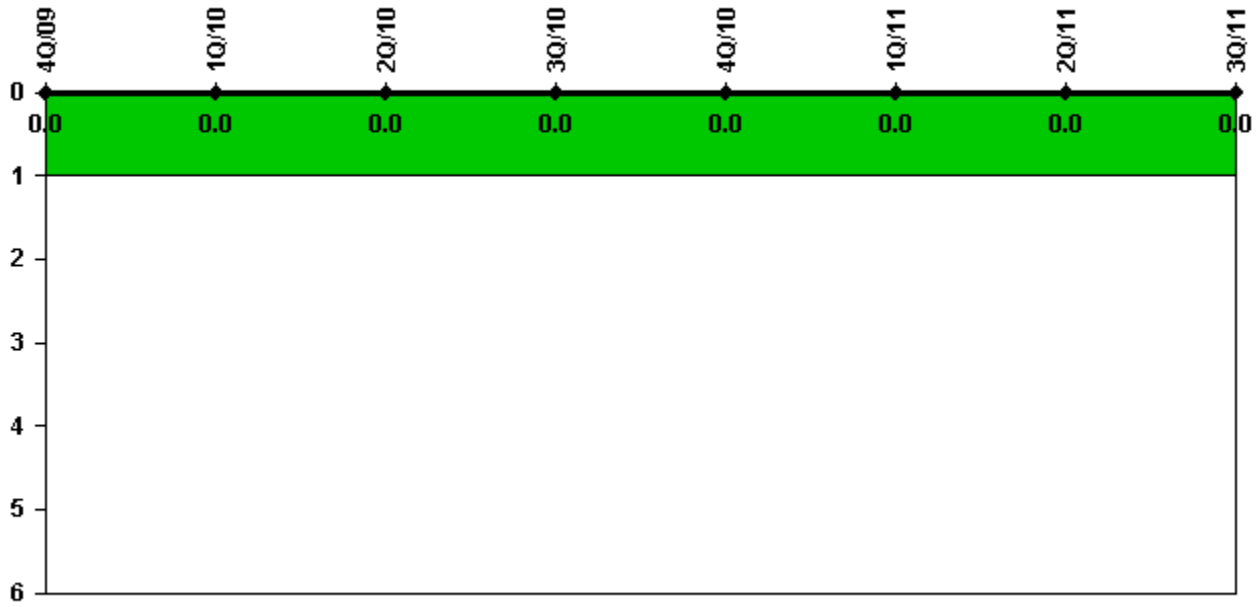
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	1.0	1.0	1.0	0
Critical hours	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4	2208.0
Indicator value	0	0	0	0	0.8	1.6	2.8	2.8

Licensee Comments: none

Unplanned Scrams with Complications



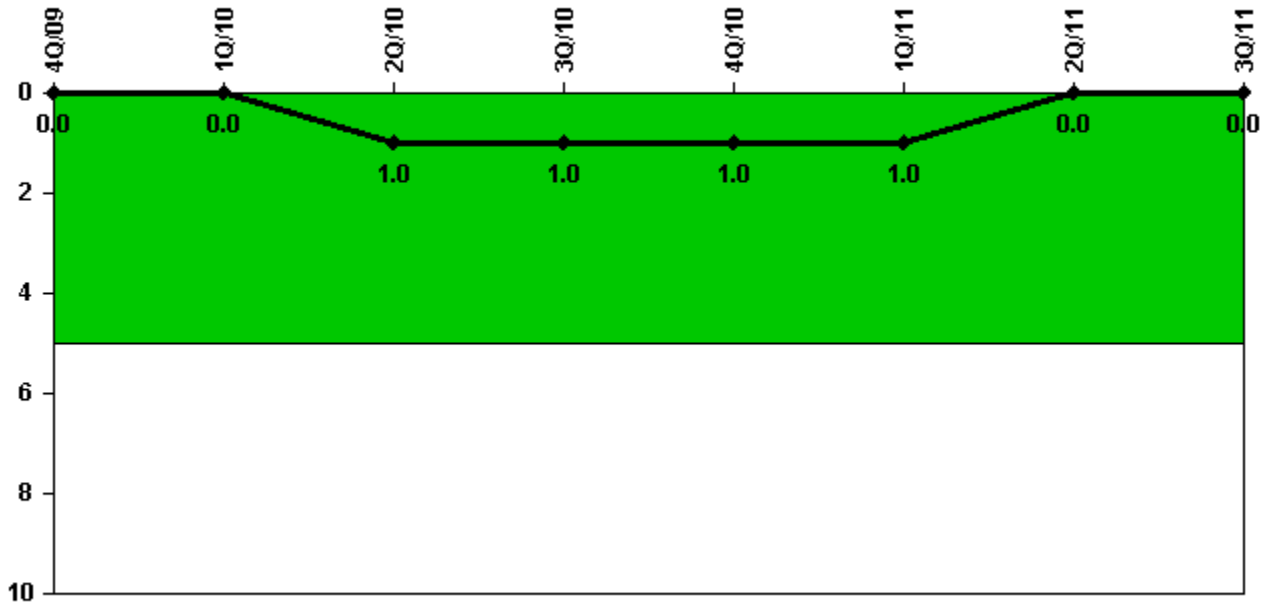
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



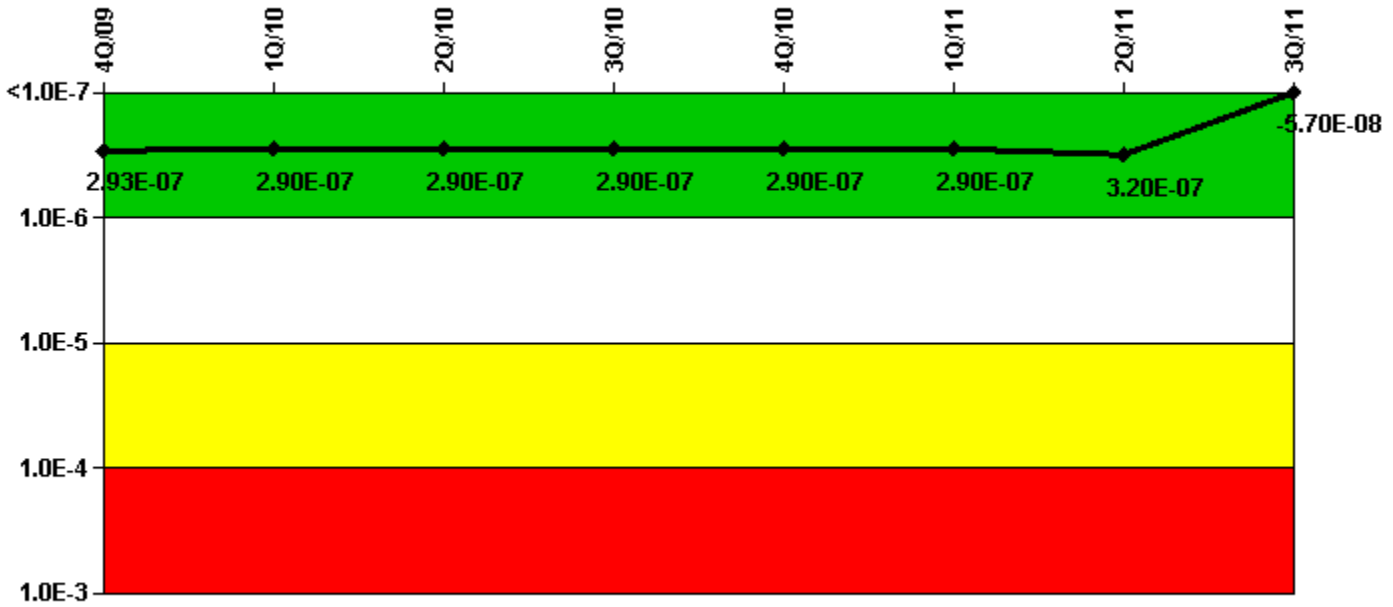
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



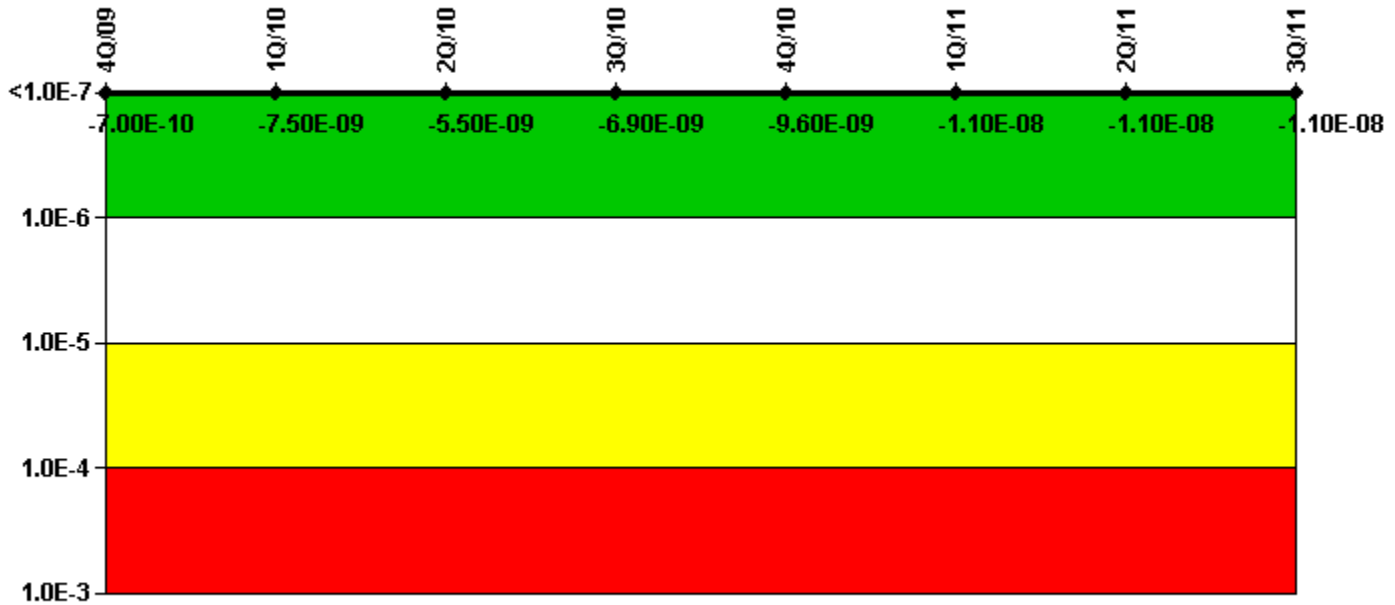
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	2.90E-09	2.89E-09	2.89E-09	2.89E-09	2.89E-09	2.47E-09	3.11E-09	-3.28E-09
URI (ΔCDF)	2.90E-07	2.86E-07	2.87E-07	2.88E-07	2.87E-07	2.90E-07	3.21E-07	-5.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.93E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	3.20E-07	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



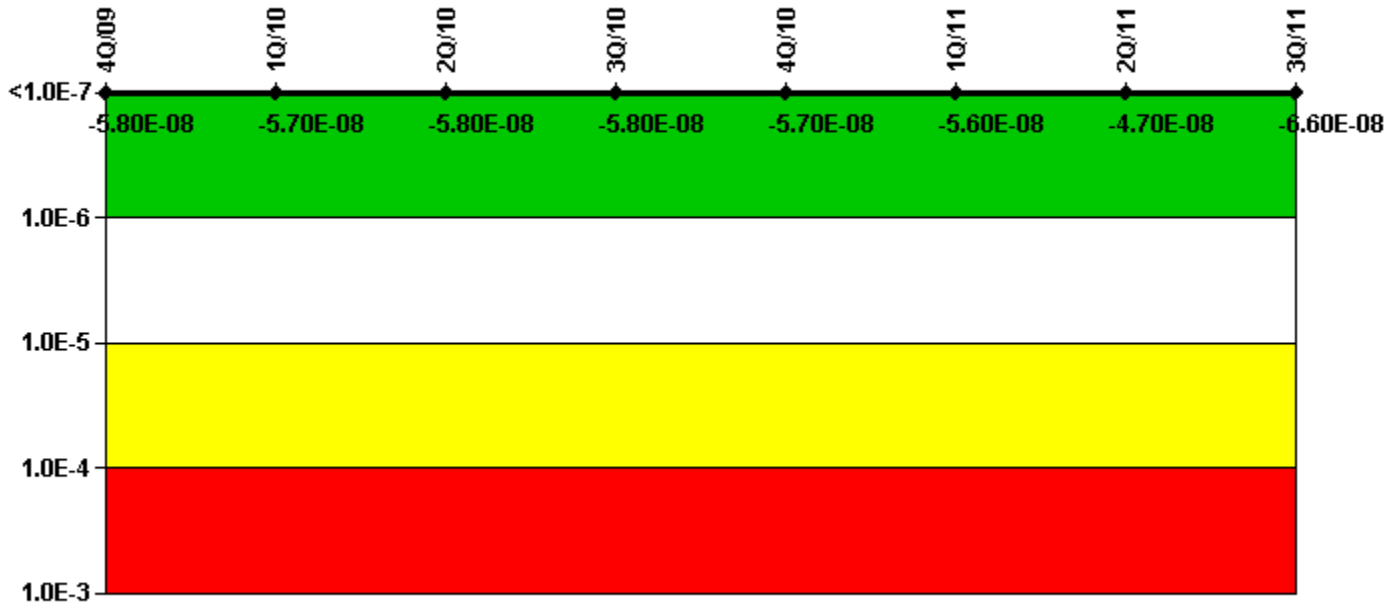
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09	-7.10E-09
URI (Δ CDF)	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09	-4.14E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



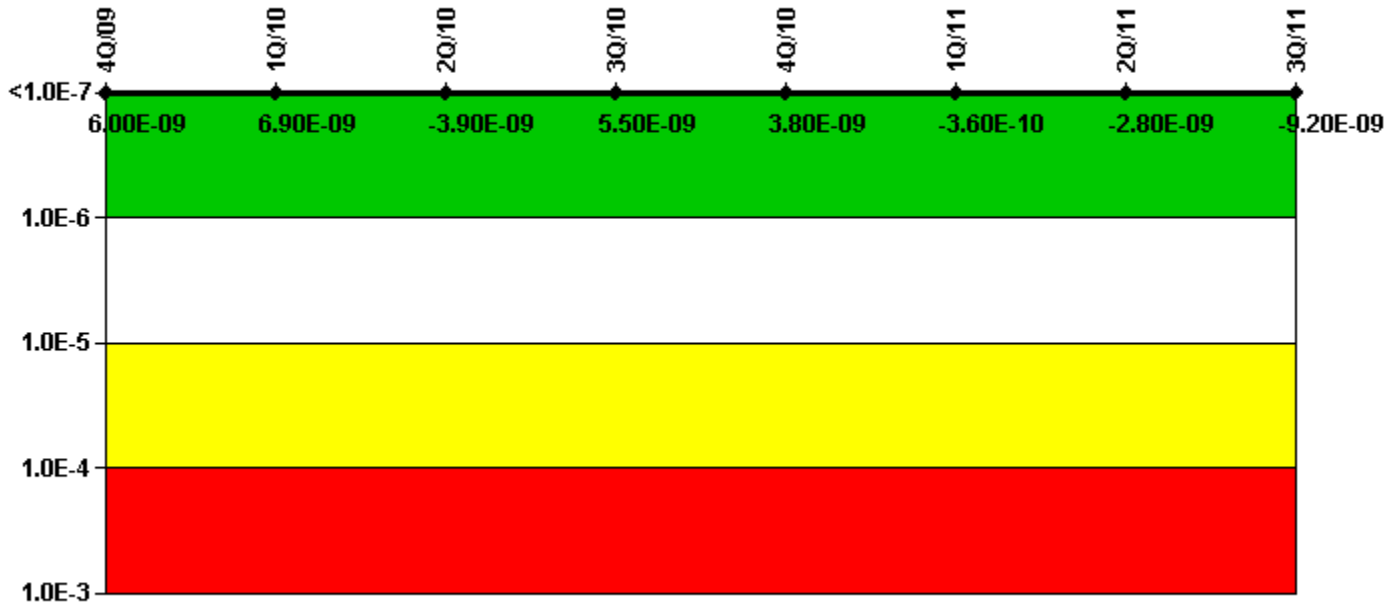
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09	-2.24E-08
URI (Δ CDF)	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08	-4.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08	-6.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



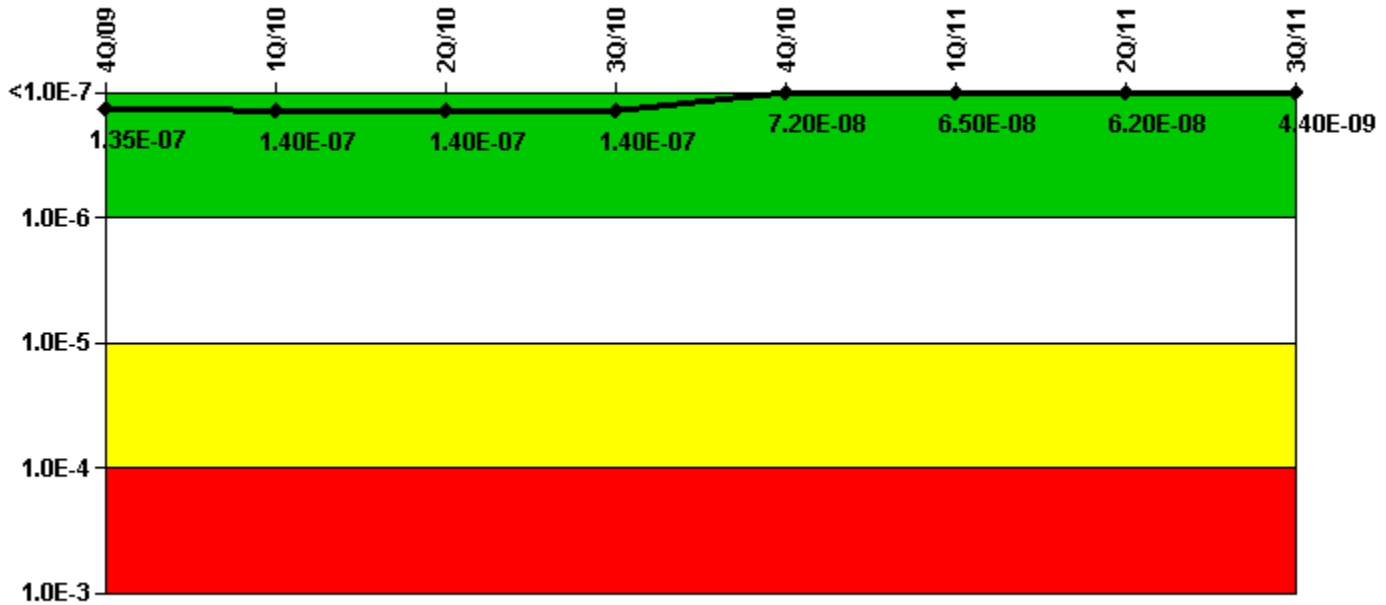
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	3.50E-08	3.61E-08	2.55E-08	3.50E-08	3.35E-08	2.83E-08	2.90E-08	2.27E-08
URI (Δ CDF)	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08	-3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	6.90E-09	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09	-9.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



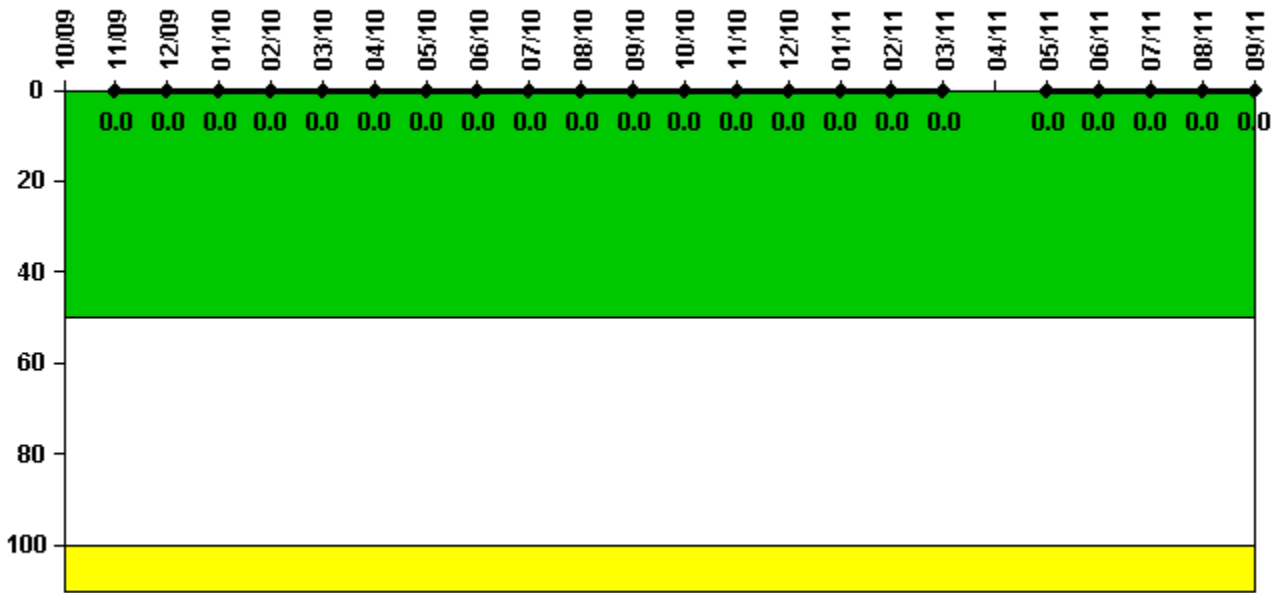
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.00E-09	5.46E-09	5.46E-09	5.46E-09	4.23E-10	4.19E-10	4.25E-10	4.25E-10
URI (Δ CDF)	1.30E-07	1.31E-07	1.31E-07	1.31E-07	7.13E-08	6.48E-08	6.17E-08	3.95E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.35E-07	1.40E-07	1.40E-07	1.40E-07	7.20E-08	6.50E-08	6.20E-08	4.40E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

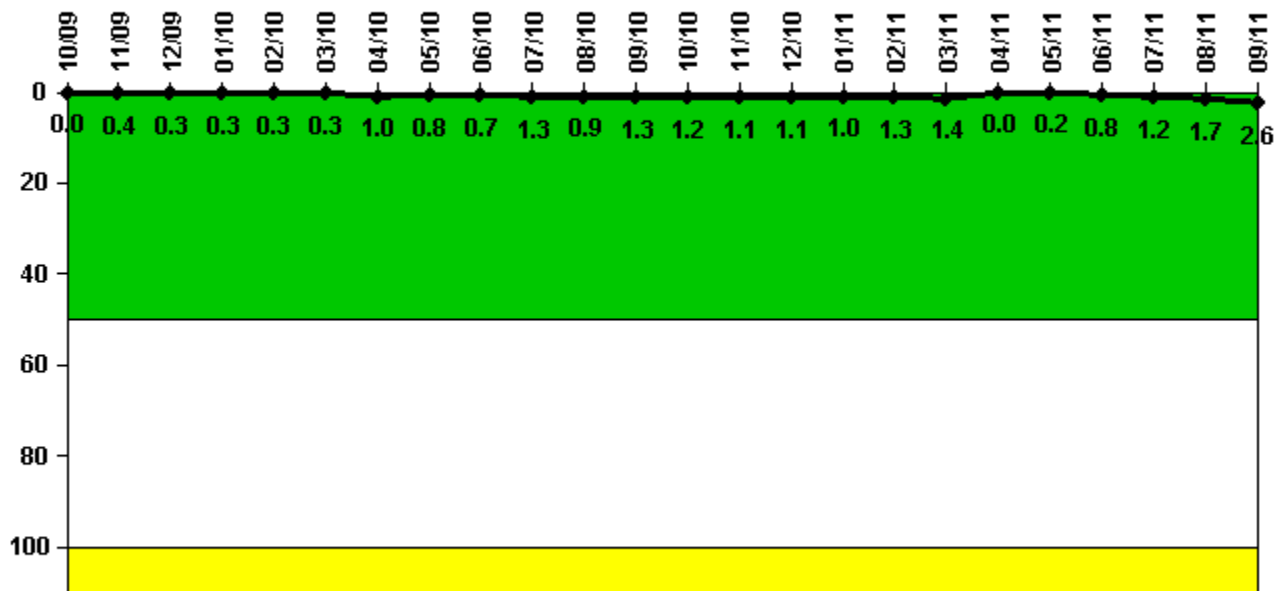
Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	N/A	0.000023	0.000054	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106	N/A	0.000033	0.000065	0.000054	0.000067	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



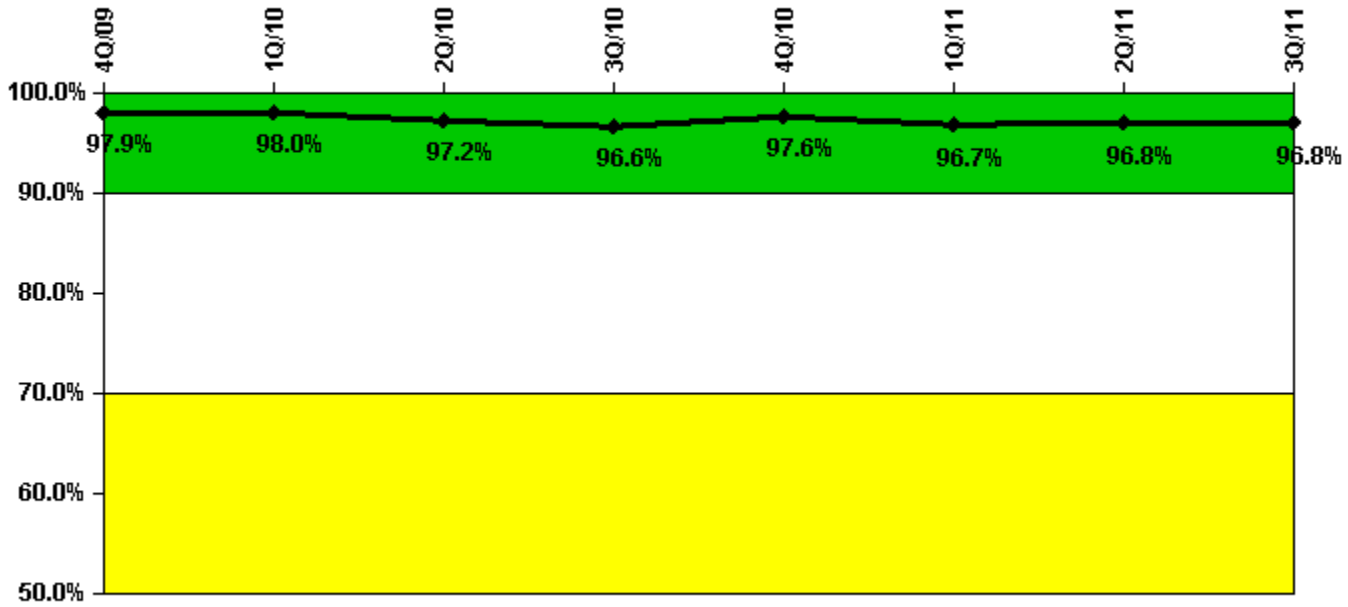
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0	0.035	0.029	0.028	0.032	0.033	0.104	0.082	0.069	0.127	0.088	0.133
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.3	0.3	0.3	0.3	1.0	0.8	0.7	1.3	0.9	1.3
Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.119	0.107	0.113	0.097	0.133	0.144	0	0.021	0.083	0.124	0.168	0.258
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.1	1.1	1.0	1.3	1.4	0	0.2	0.8	1.2	1.7	2.6

Licensee Comments: none

Drill/Exercise Performance



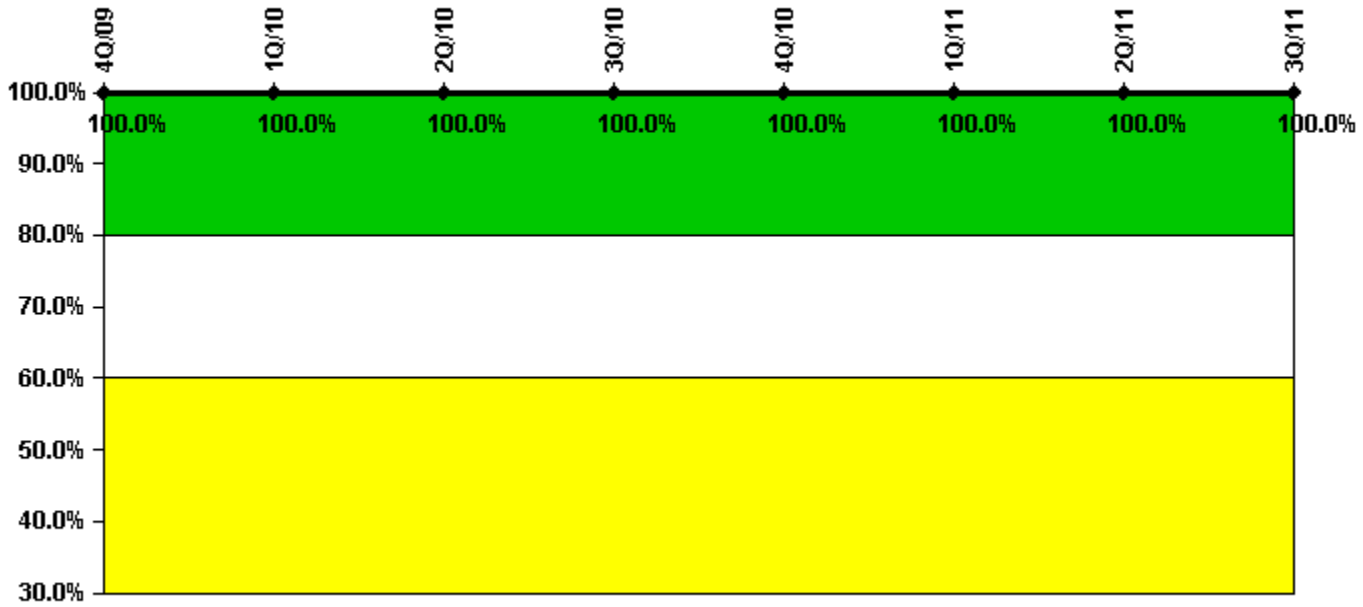
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	26.0	28.0	30.0	33.0	21.0	55.0	21.0	26.0
Total opportunities	26.0	28.0	32.0	35.0	21.0	58.0	21.0	27.0
Indicator value	97.9%	98.0%	97.2%	96.6%	97.6%	96.7%	96.8%	96.8%

Licensee Comments: none

ERO Drill Participation



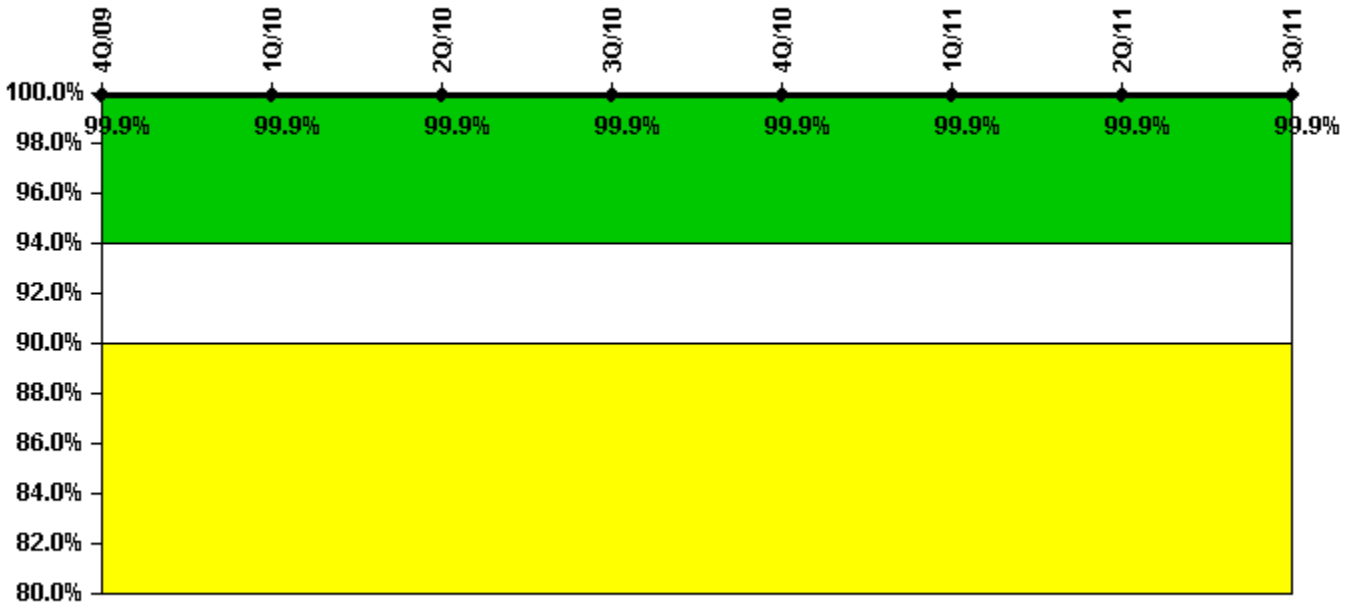
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	82.0	84.0	85.0	86.0	85.0	86.0	89.0	89.0
Total Key personnel	82.0	84.0	85.0	86.0	85.0	86.0	89.0	89.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



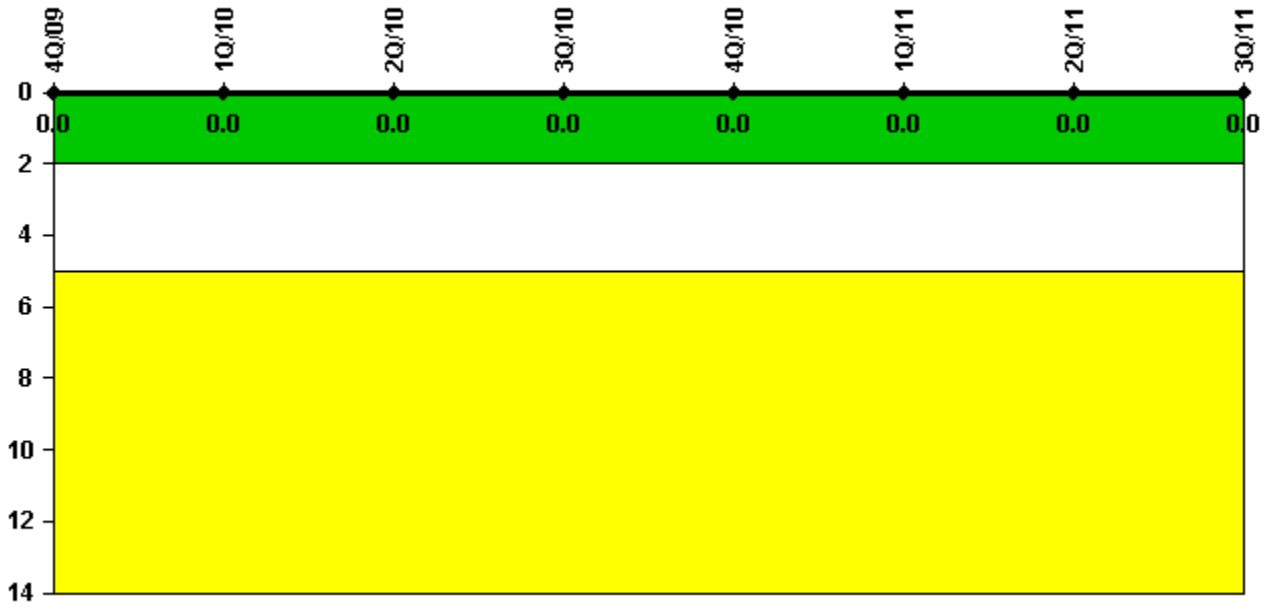
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	725	846	726	845	726	845	726	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



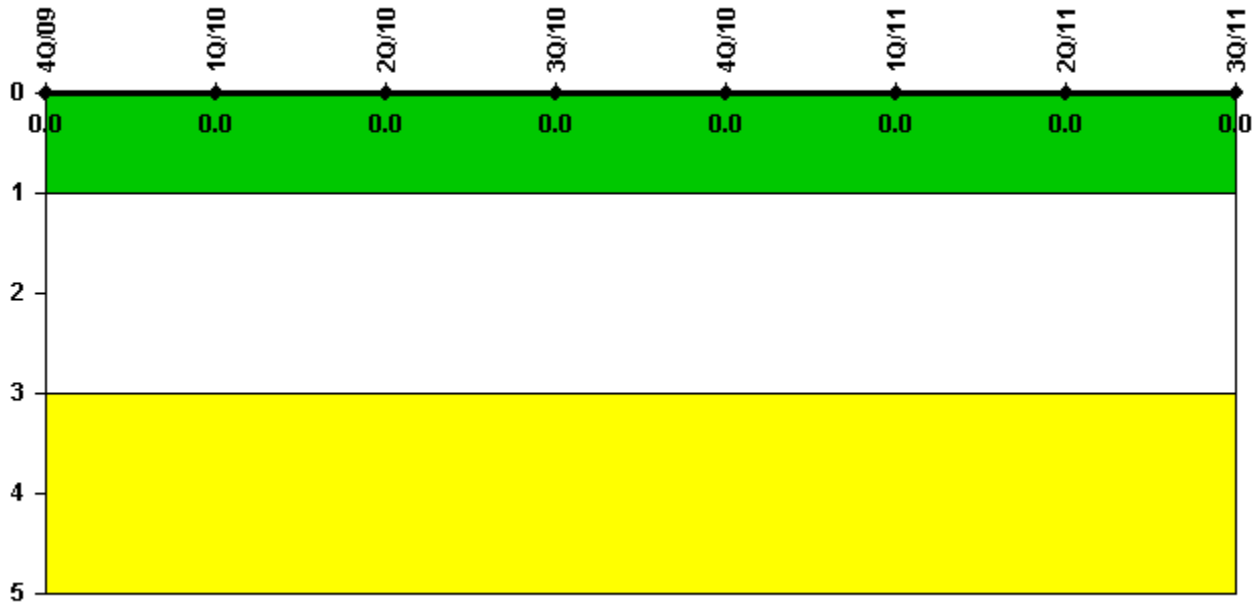
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

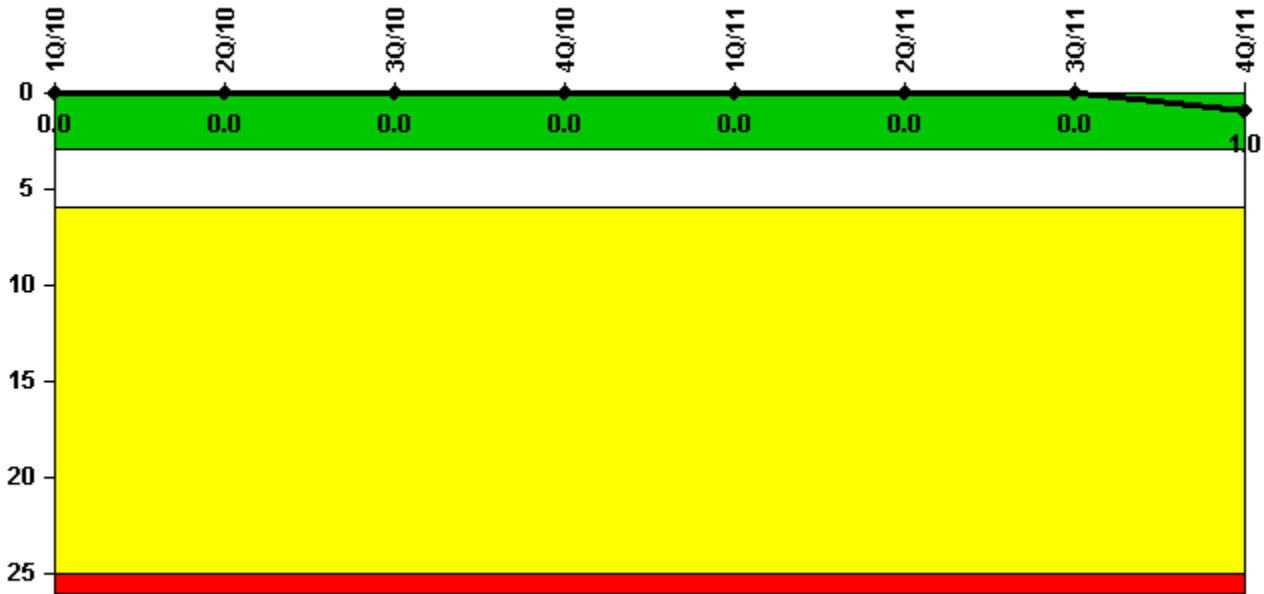
[Security](#) information not publicly available.

Seabrook 1

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



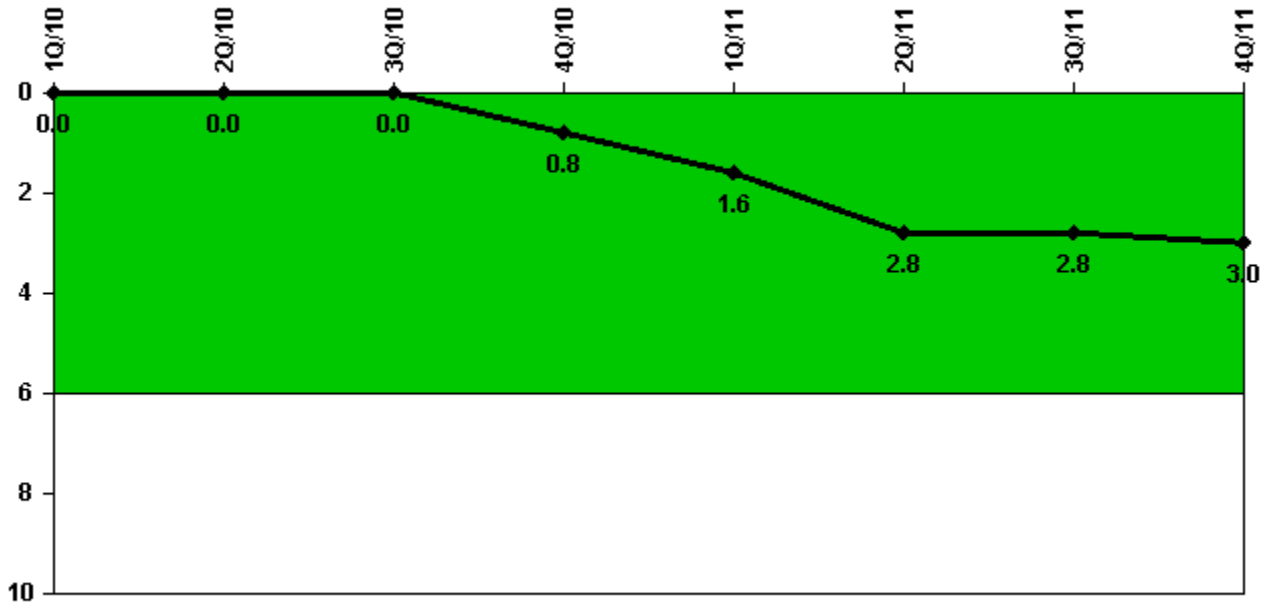
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	934.4	2208.0	1747.1
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



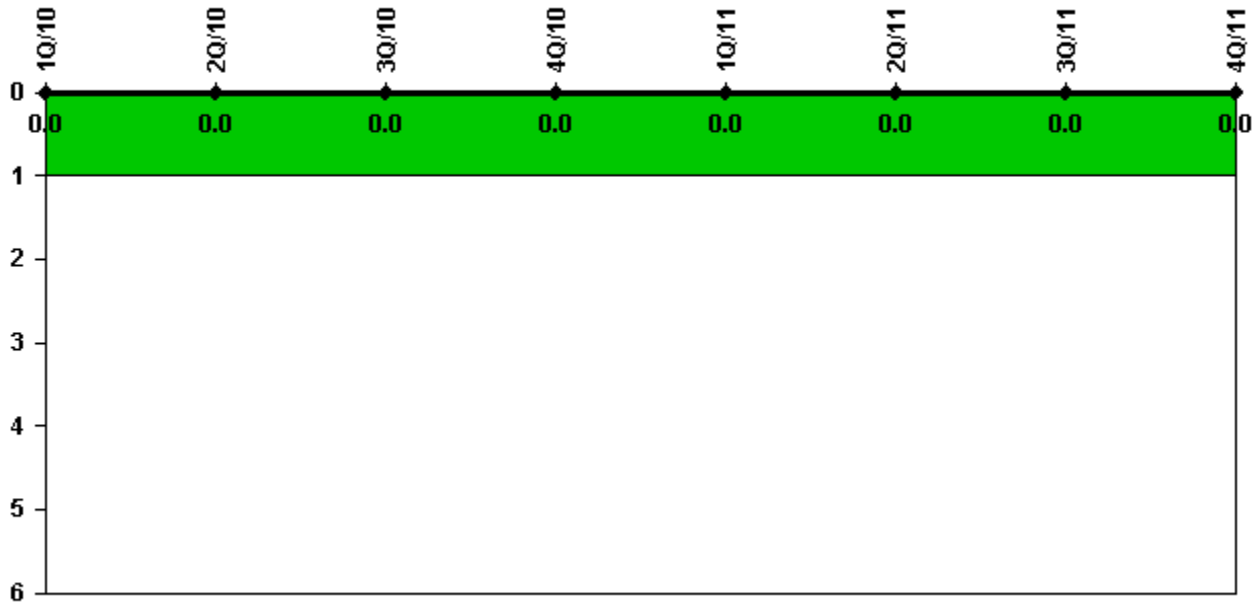
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	1.0	1.0	1.0	0	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	934.4	2208.0	1747.1
Indicator value	0	0	0	0.8	1.6	2.8	2.8	3.0

Licensee Comments: none

Unplanned Scrams with Complications



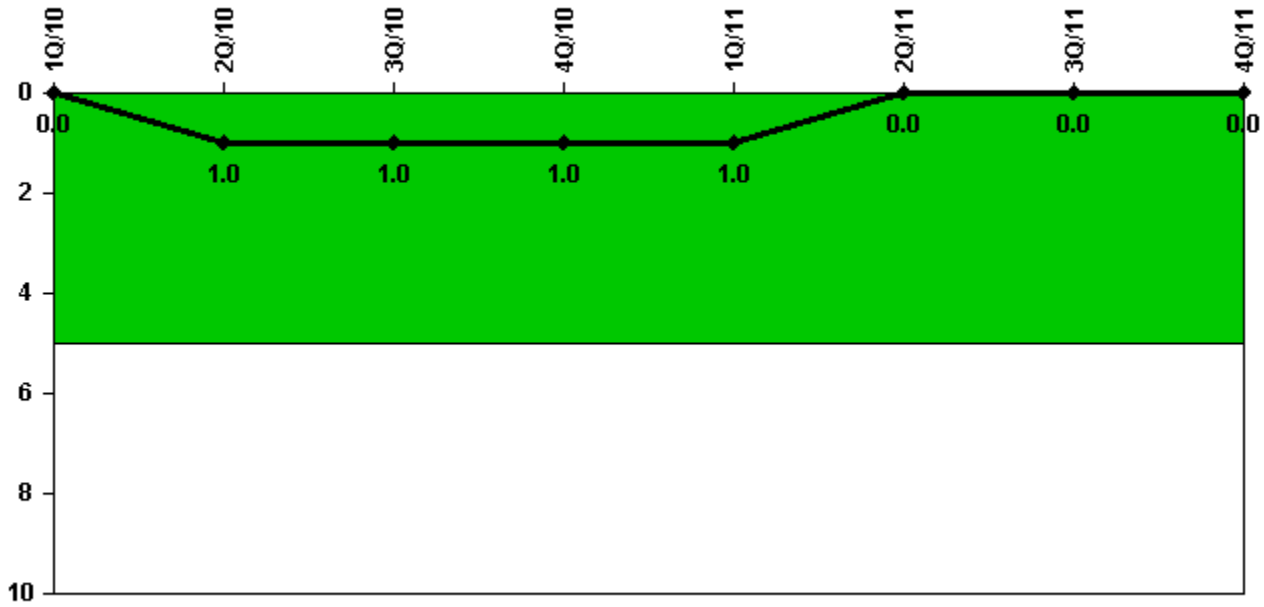
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



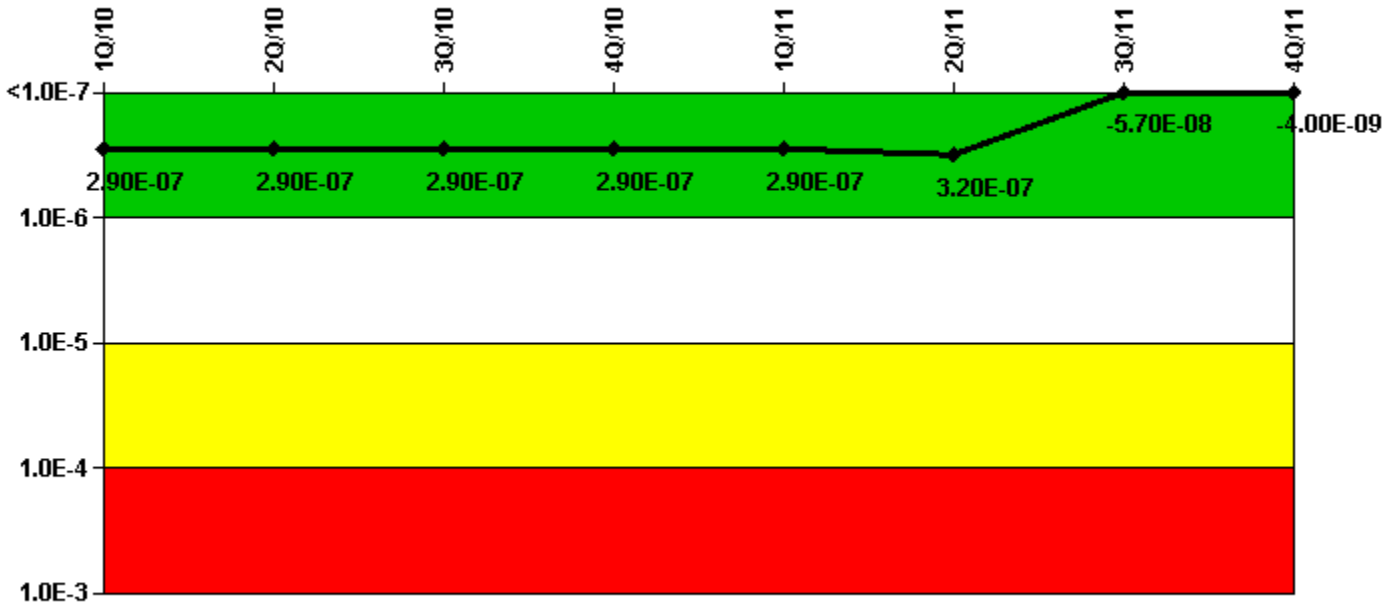
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

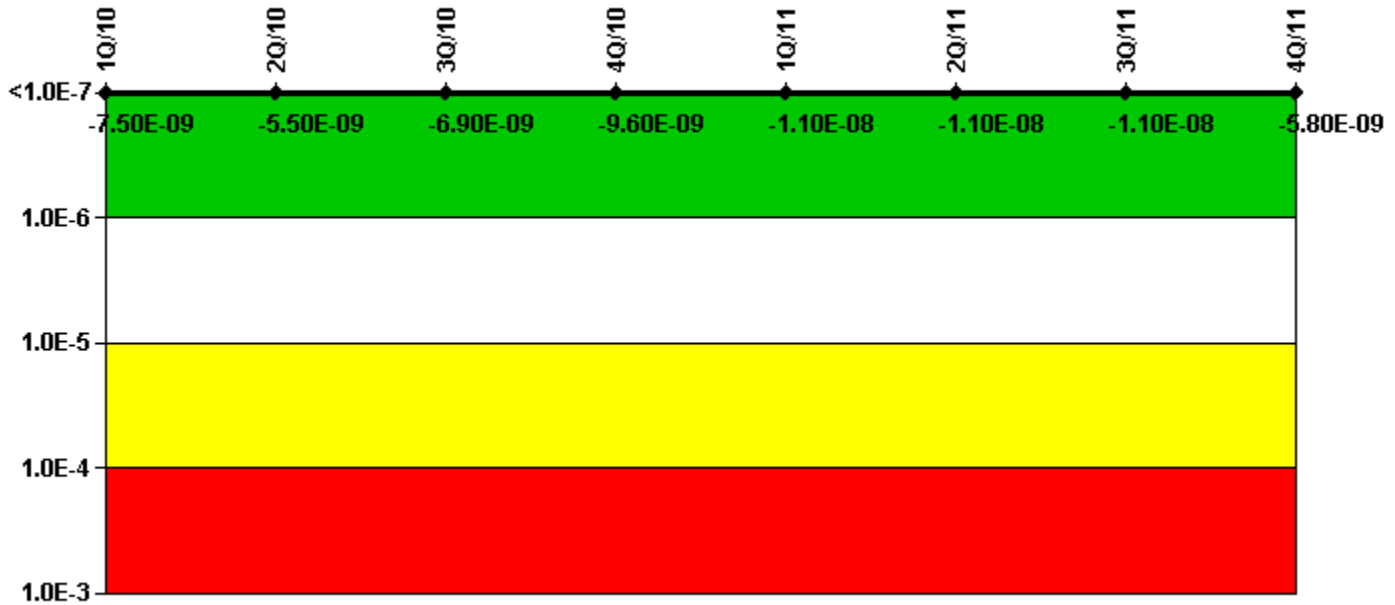
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	2.89E-09	2.89E-09	2.89E-09	2.89E-09	2.47E-09	3.11E-09	-3.28E-09	-1.78E-09
URI (ΔCDF)	2.86E-07	2.87E-07	2.88E-07	2.87E-07	2.90E-07	3.21E-07	-5.37E-08	-2.24E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	3.20E-07	-5.70E-08	-4.00E-09

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

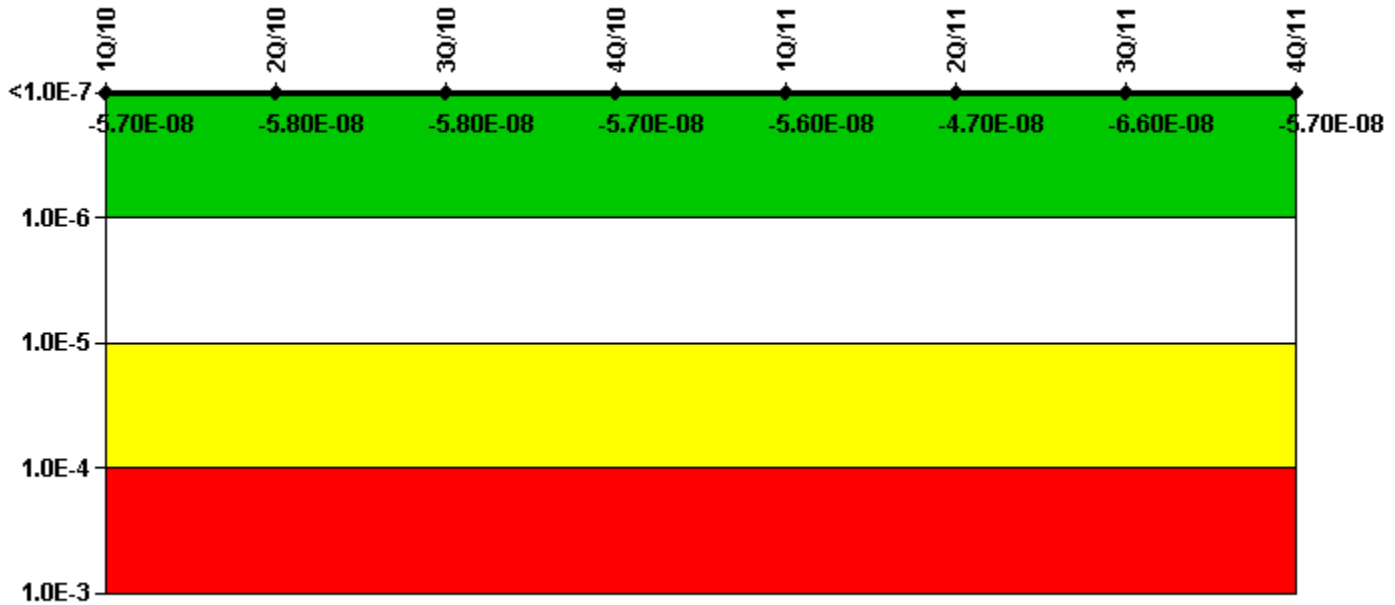
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09	-7.10E-09	-3.13E-09
URI (Δ CDF)	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09	-4.14E-09	-2.69E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08	-1.10E-08	-5.80E-09

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

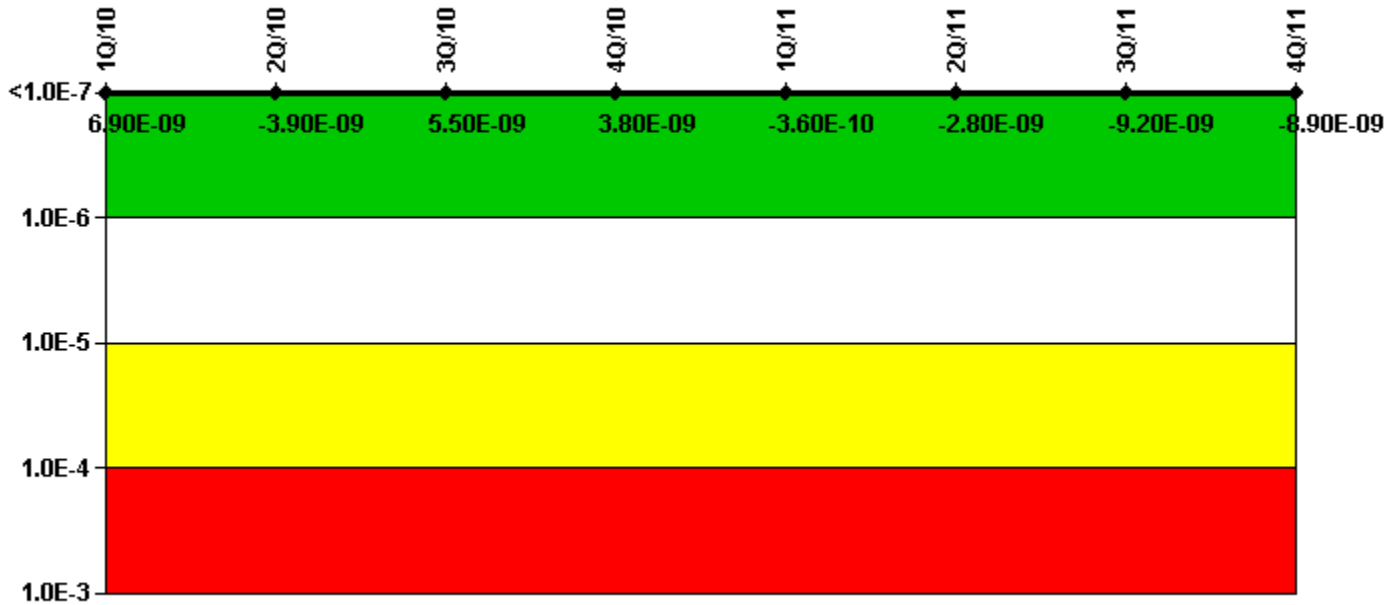
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09	-2.24E-08	-1.86E-08
URI (Δ CDF)	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08	-4.32E-08	-3.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08	-6.60E-08	-5.70E-08

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

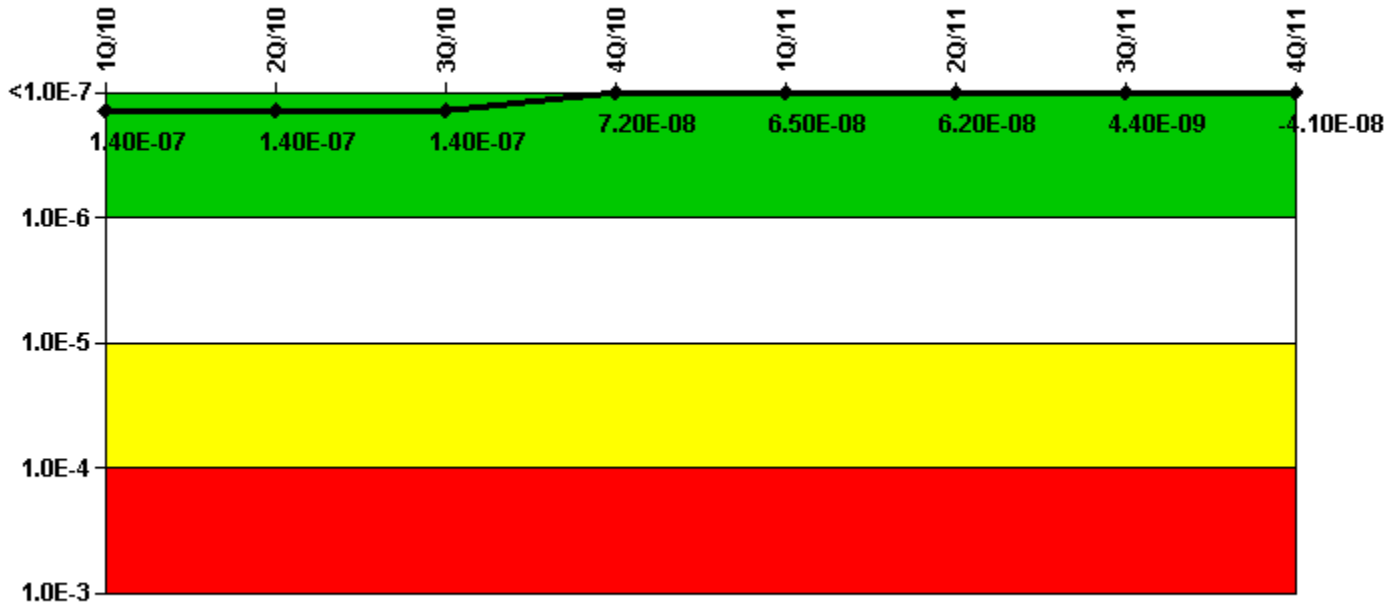
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	3.61E-08	2.55E-08	3.50E-08	3.35E-08	2.83E-08	2.90E-08	2.27E-08	1.89E-08
URI (Δ CDF)	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08	-3.19E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-09	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09	-9.20E-09	-8.90E-09

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

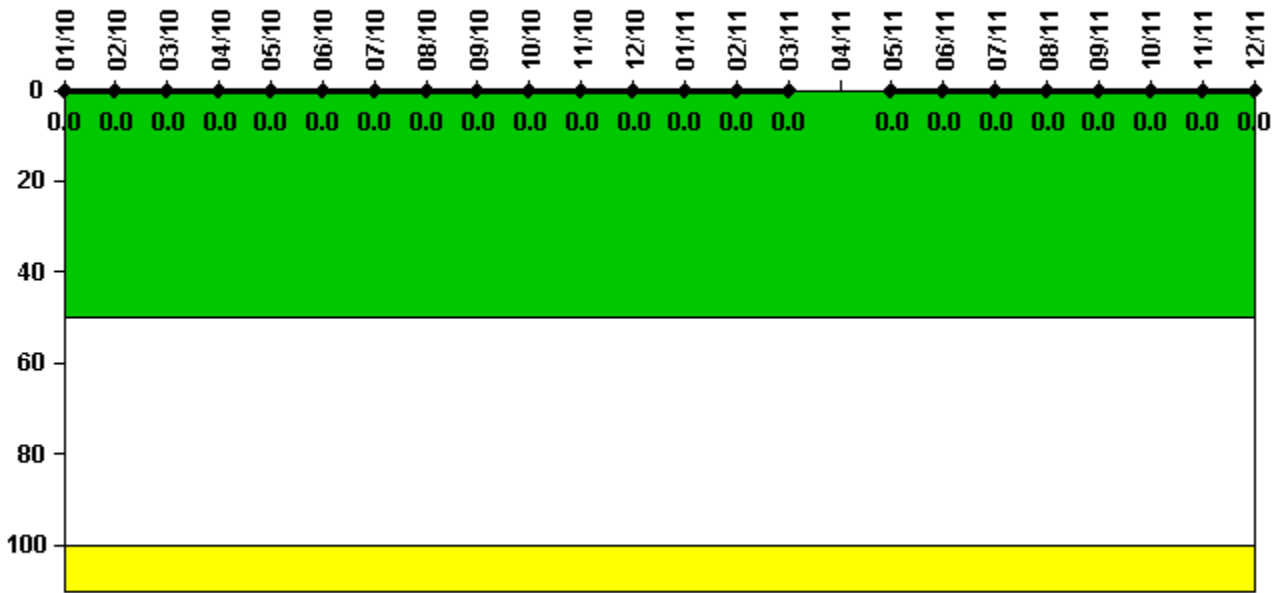
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	5.46E-09	5.46E-09	5.46E-09	4.23E-10	4.19E-10	4.25E-10	4.25E-10	3.54E-10
URI (Δ CDF)	1.31E-07	1.31E-07	1.31E-07	7.13E-08	6.48E-08	6.17E-08	3.95E-09	-4.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	1.40E-07	1.40E-07	7.20E-08	6.50E-08	6.20E-08	4.40E-09	-4.10E-08

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



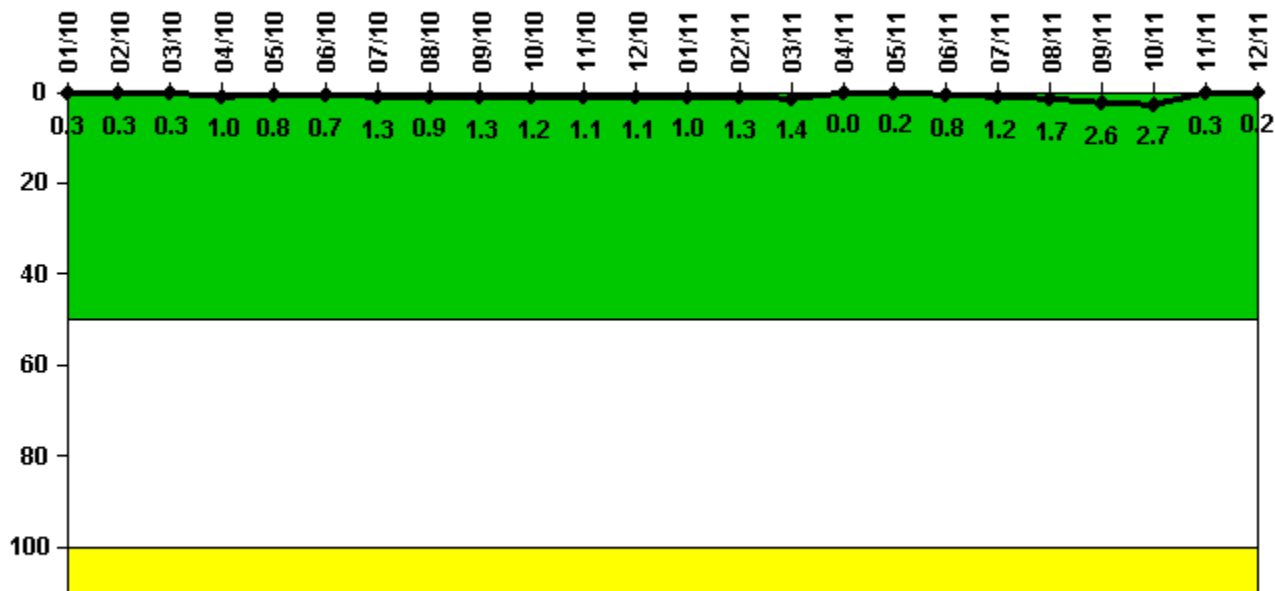
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000093	0.000097	0.000106	N/A	0.000033	0.000065	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



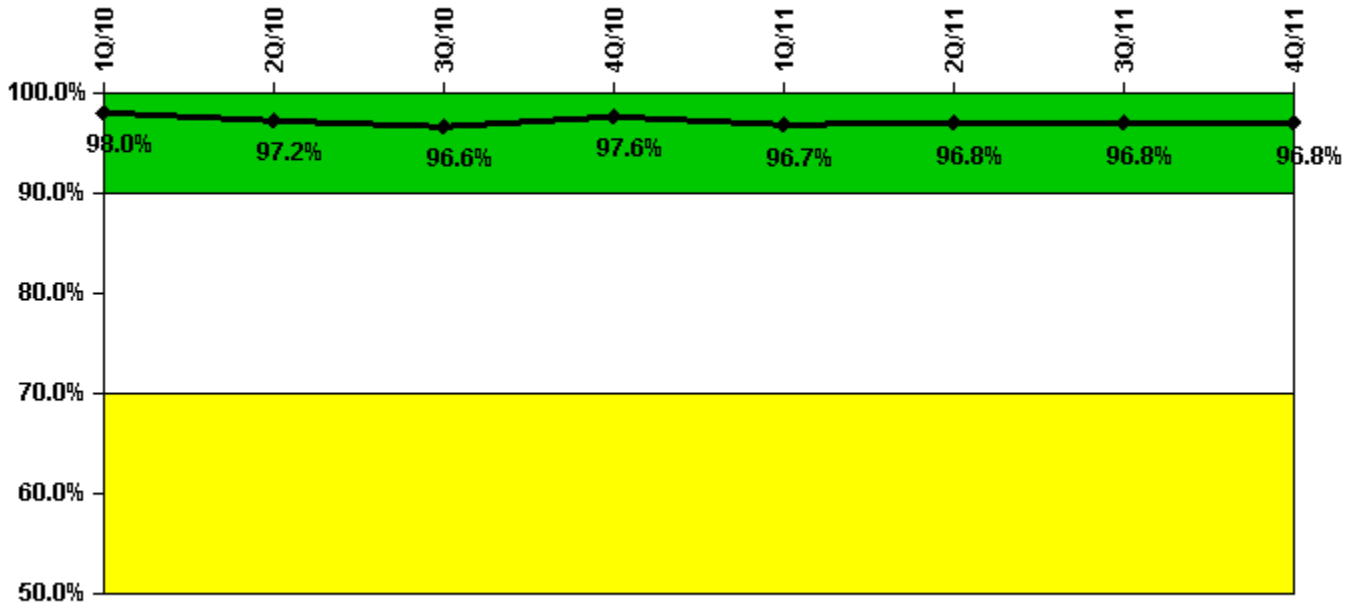
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.028	0.032	0.033	0.104	0.082	0.069	0.127	0.088	0.133	0.119	0.107	0.113
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	1.0	0.8	0.7	1.3	0.9	1.3	1.2	1.1	1.1
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.097	0.133	0.144	0	0.021	0.083	0.124	0.168	0.258	0.272	0.029	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.3	1.4	0	0.2	0.8	1.2	1.7	2.6	2.7	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



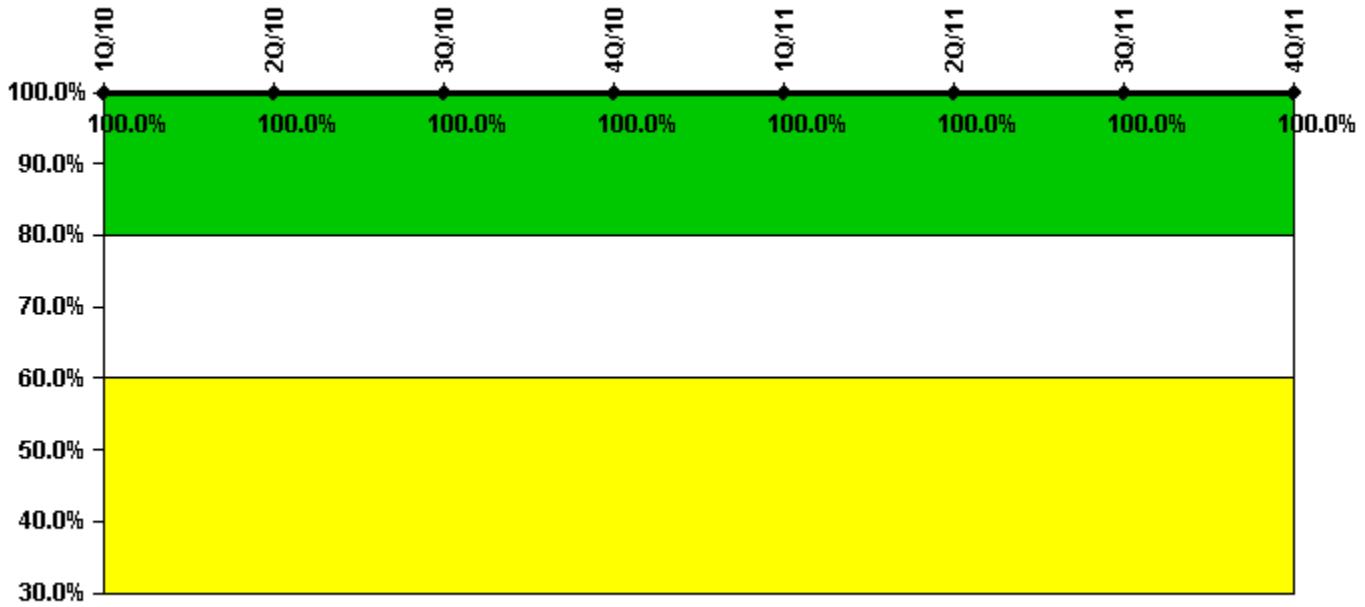
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	28.0	30.0	33.0	21.0	55.0	21.0	26.0	55.0
Total opportunities	28.0	32.0	35.0	21.0	58.0	21.0	27.0	56.0
Indicator value	98.0%	97.2%	96.6%	97.6%	96.7%	96.8%	96.8%	96.8%

Licensee Comments: none

ERO Drill Participation



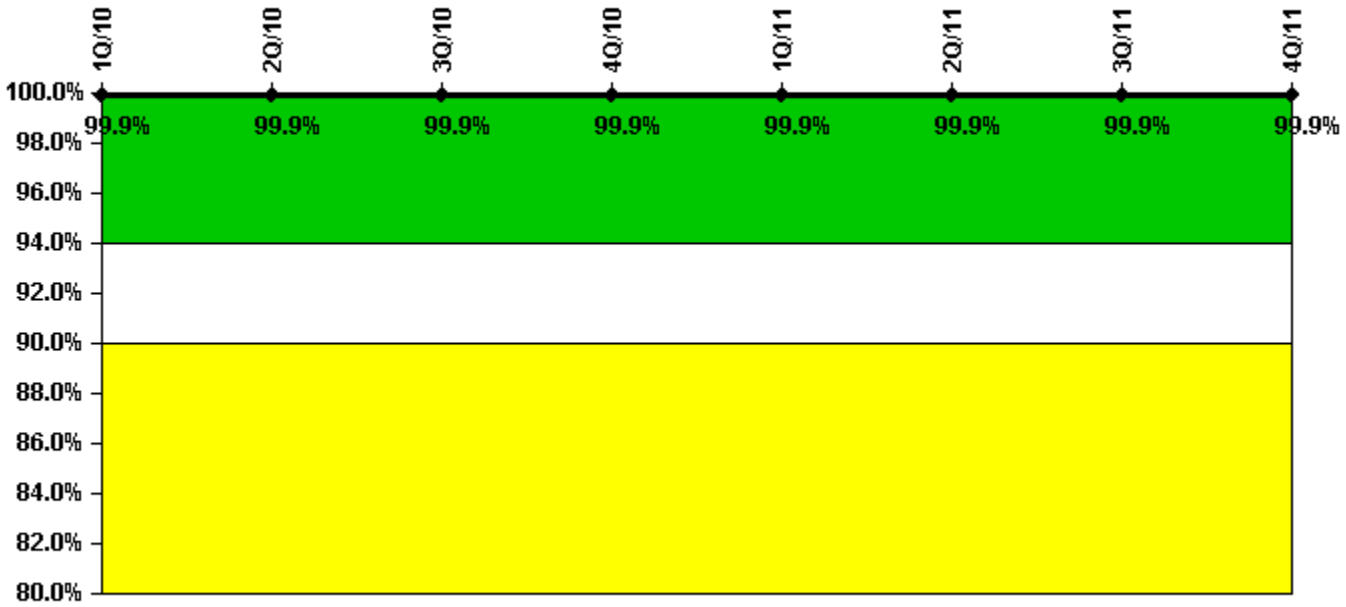
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	84.0	85.0	86.0	85.0	86.0	89.0	89.0	87.0
Total Key personnel	84.0	85.0	86.0	85.0	86.0	89.0	89.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



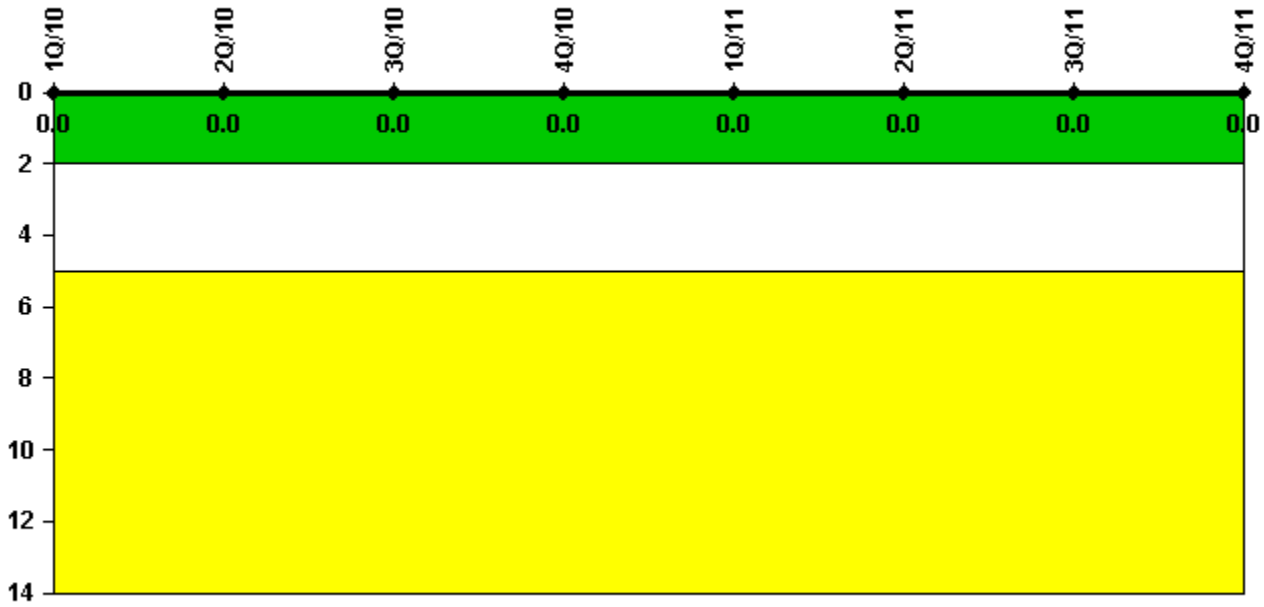
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	846	726	845	726	845	726	847	846
Total sirens-tests	847	726	847	726	847	726	847	847
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



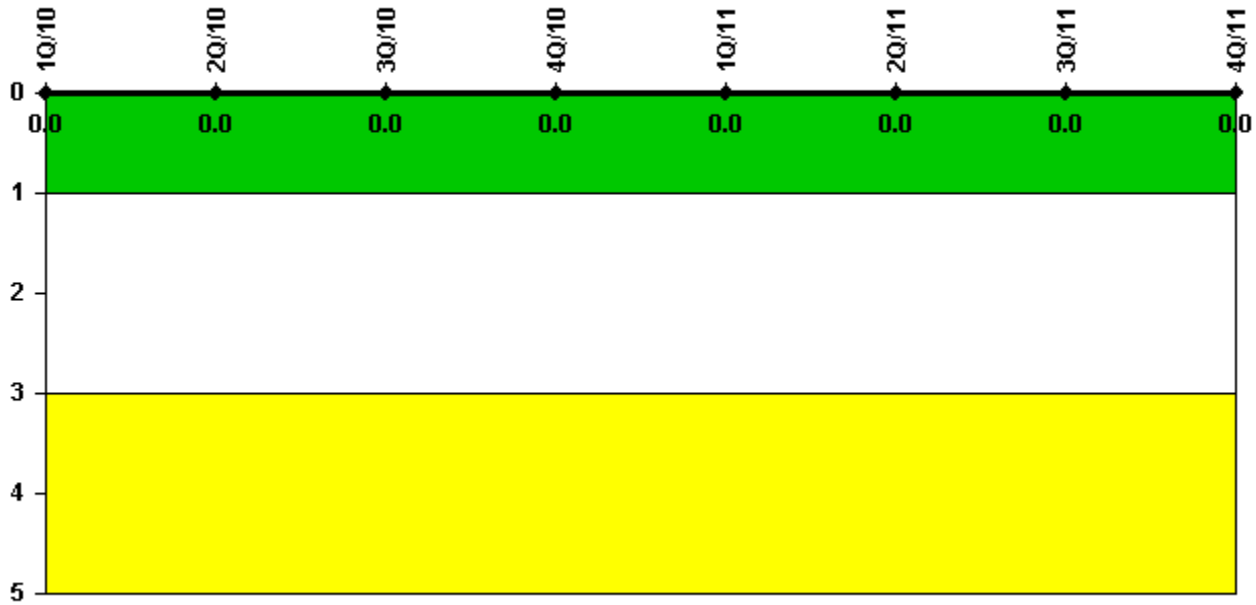
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

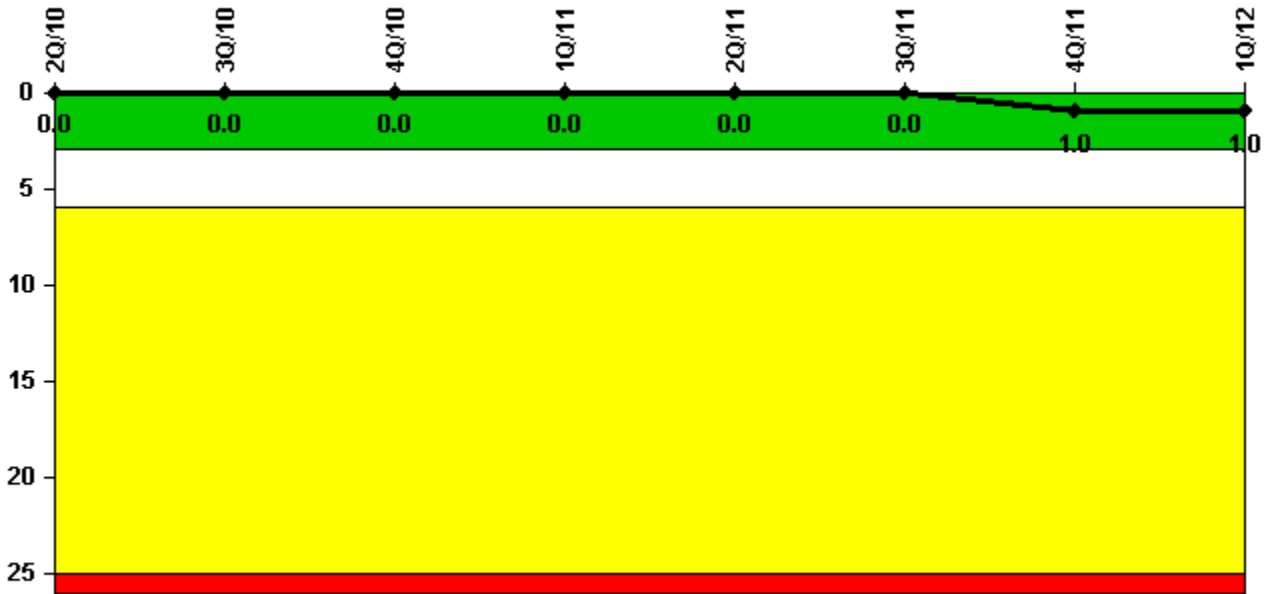
[Security](#) information not publicly available.

Seabrook 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



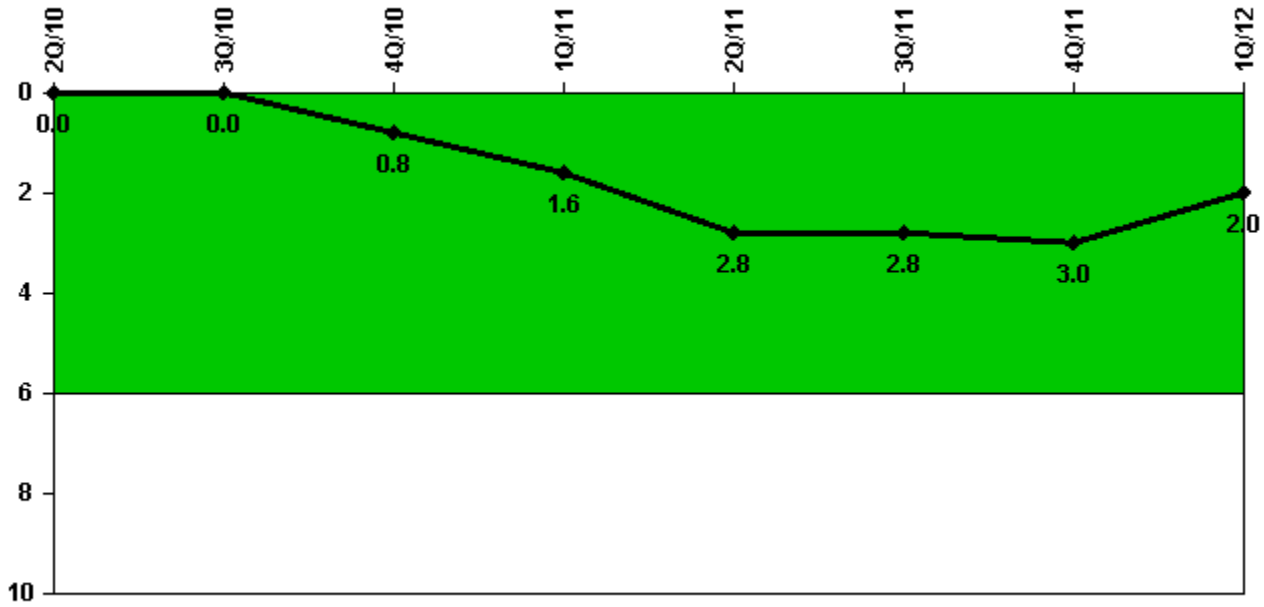
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	934.4	2208.0	1747.1	2183.0
Indicator value	0	0	0	0	0	0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



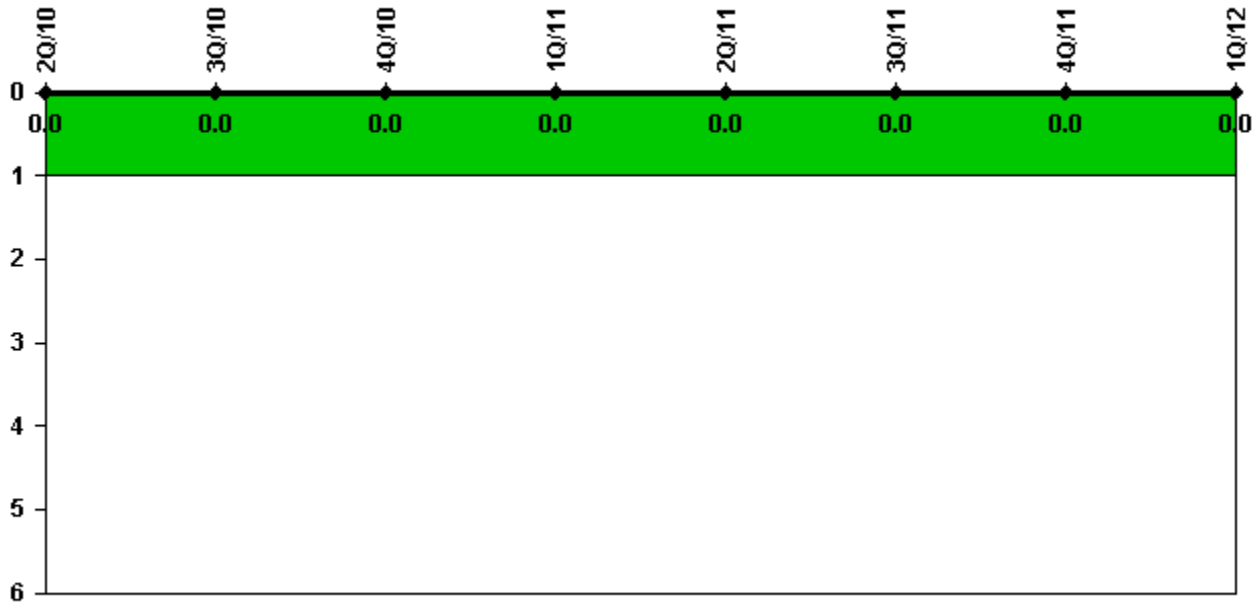
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	1.0	1.0	1.0	0	1.0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	934.4	2208.0	1747.1	2183.0
Indicator value	0	0	0.8	1.6	2.8	2.8	3.0	2.0

Licensee Comments: none

Unplanned Scrams with Complications



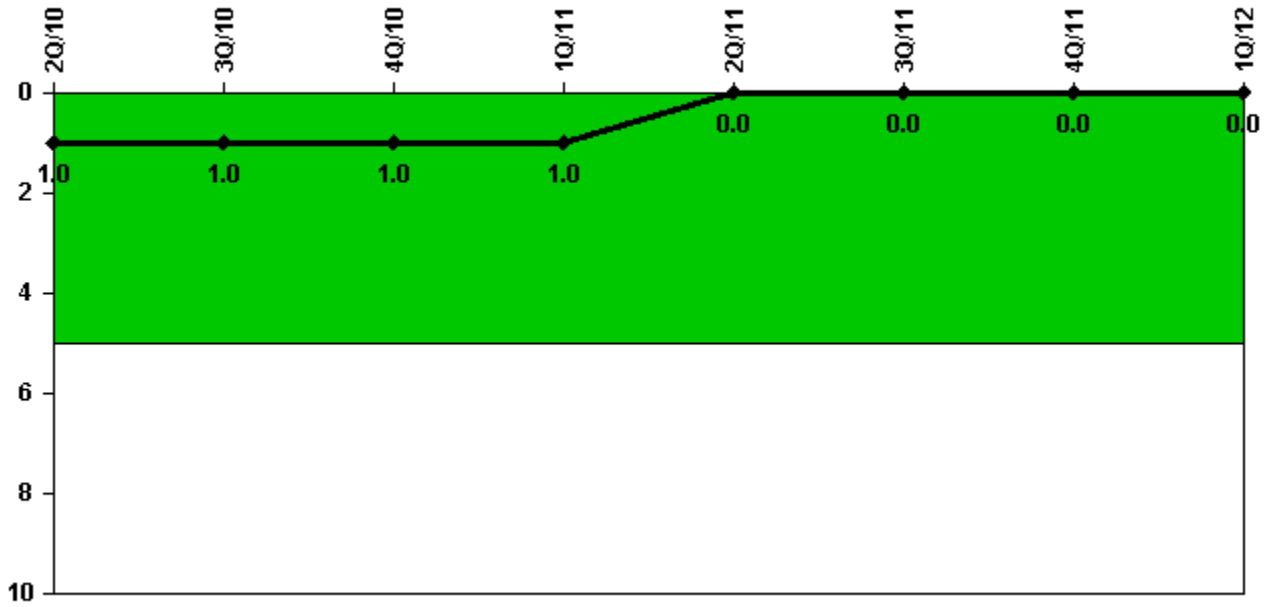
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

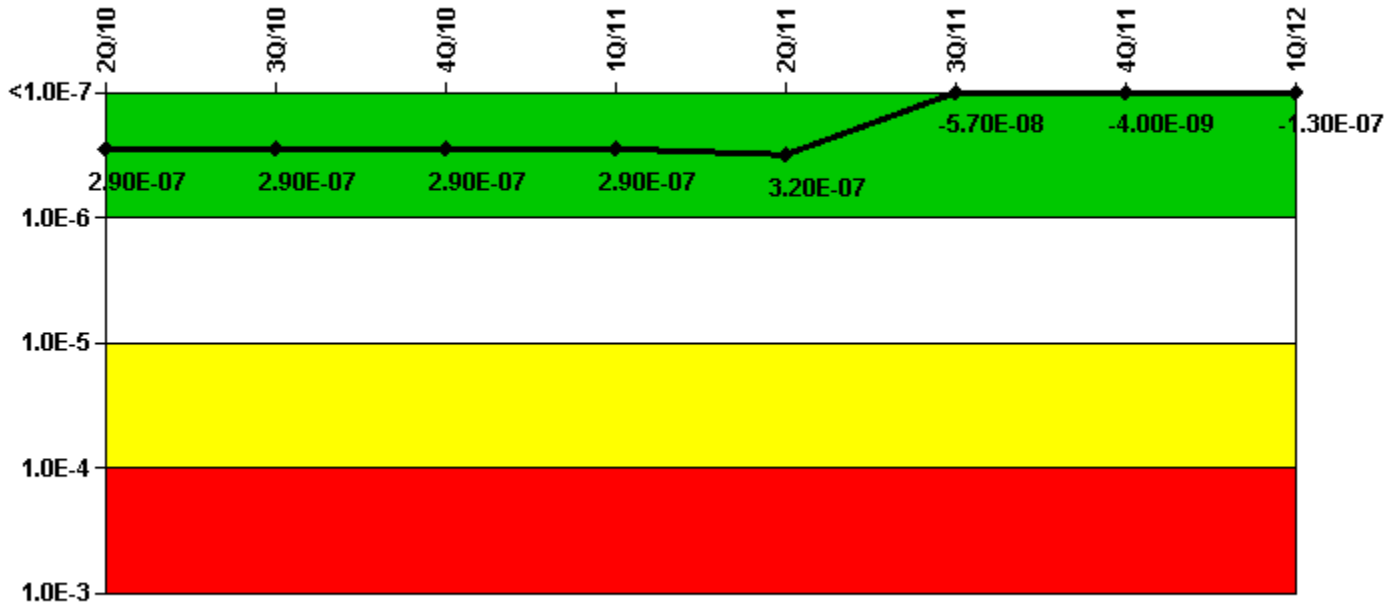
Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments:

2Q/10: LER 2010-001 5/14/2010

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

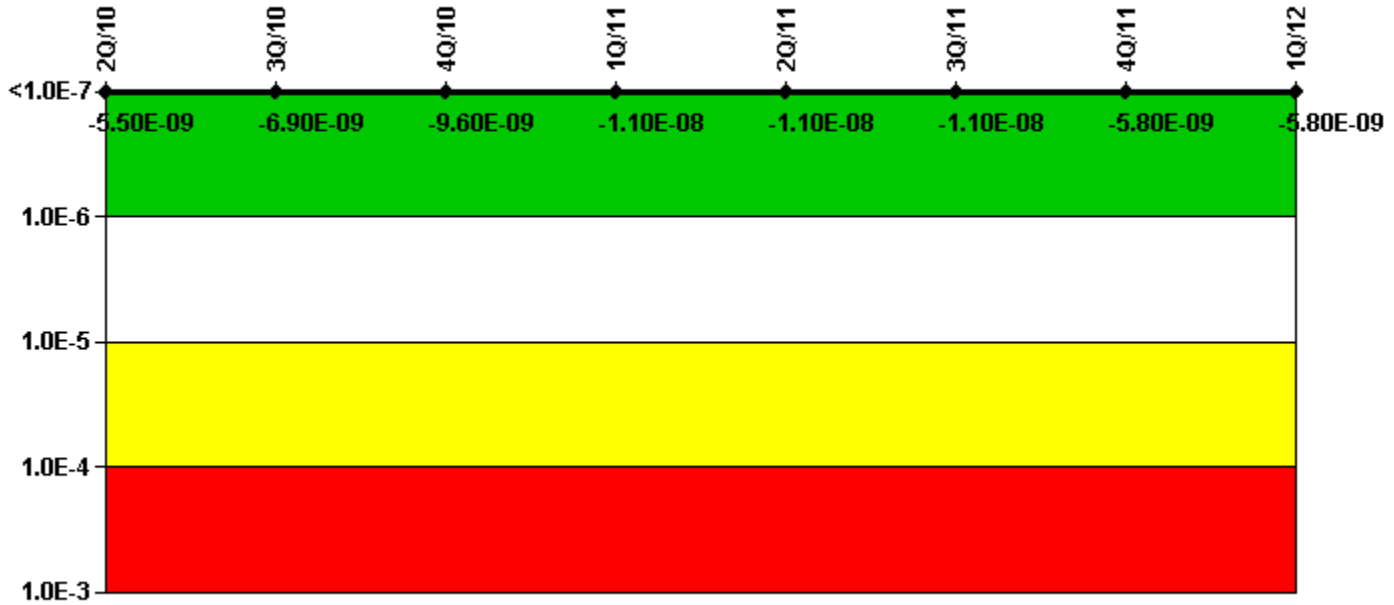
Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	2.89E-09	2.89E-09	2.89E-09	2.47E-09	3.11E-09	-3.28E-09	-1.78E-09	-3.32E-08
URI (ΔCDF)	2.87E-07	2.88E-07	2.87E-07	2.90E-07	3.21E-07	-5.37E-08	-2.24E-09	-9.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	2.90E-07	2.90E-07	2.90E-07	3.20E-07	-5.70E-08	-4.00E-09	-1.30E-07

Licensee Comments:

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

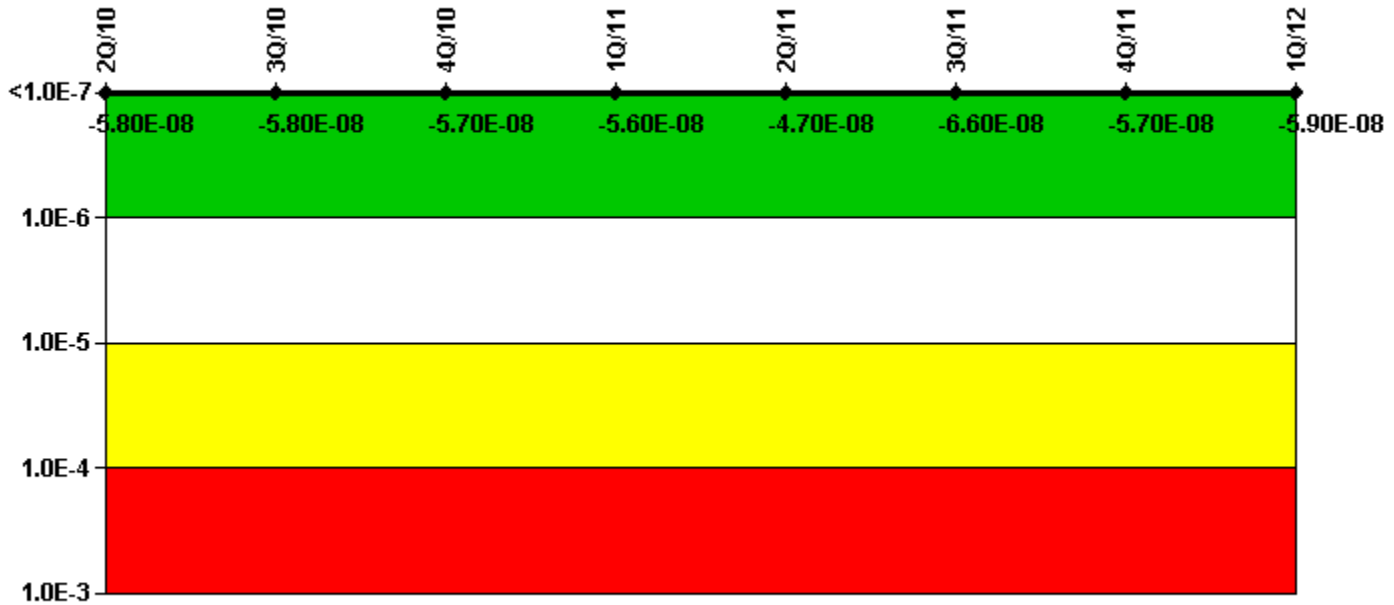
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09	-7.10E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09	-4.14E-09	-2.69E-09	-2.68E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08	-1.10E-08	-5.80E-09	-5.80E-09

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

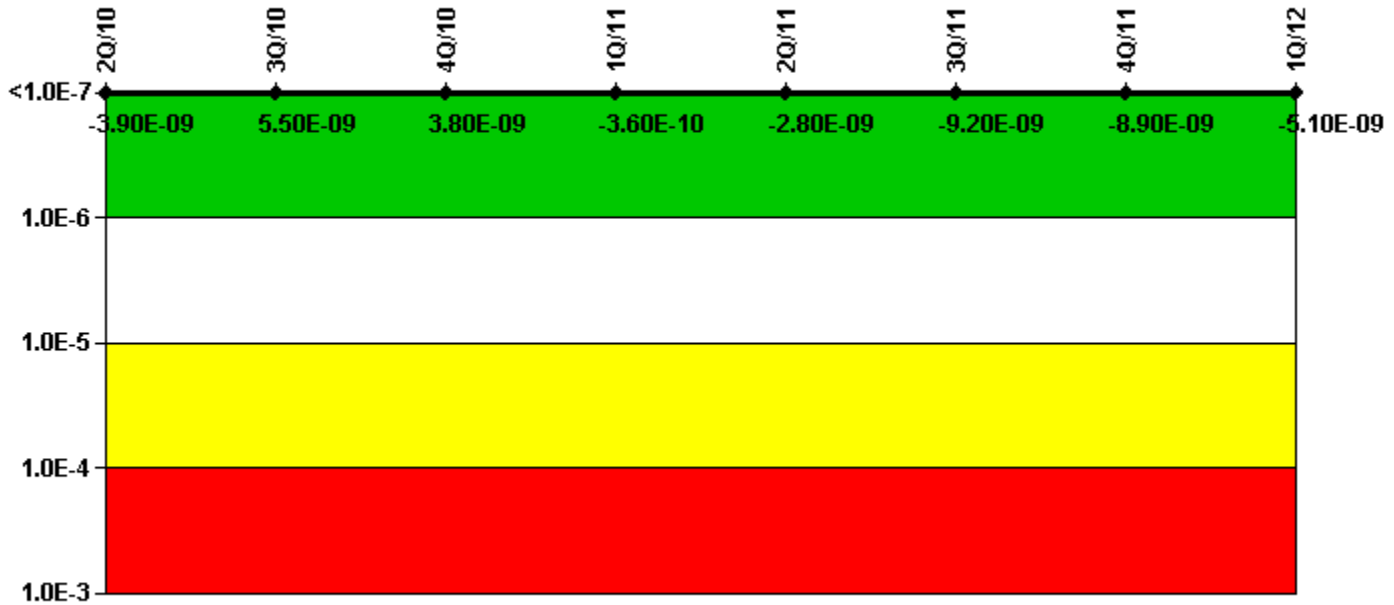
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09	-2.24E-08	-1.86E-08	-2.01E-08
URI (Δ CDF)	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08	-4.32E-08	-3.89E-08	-3.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08	-6.60E-08	-5.70E-08	-5.90E-08

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

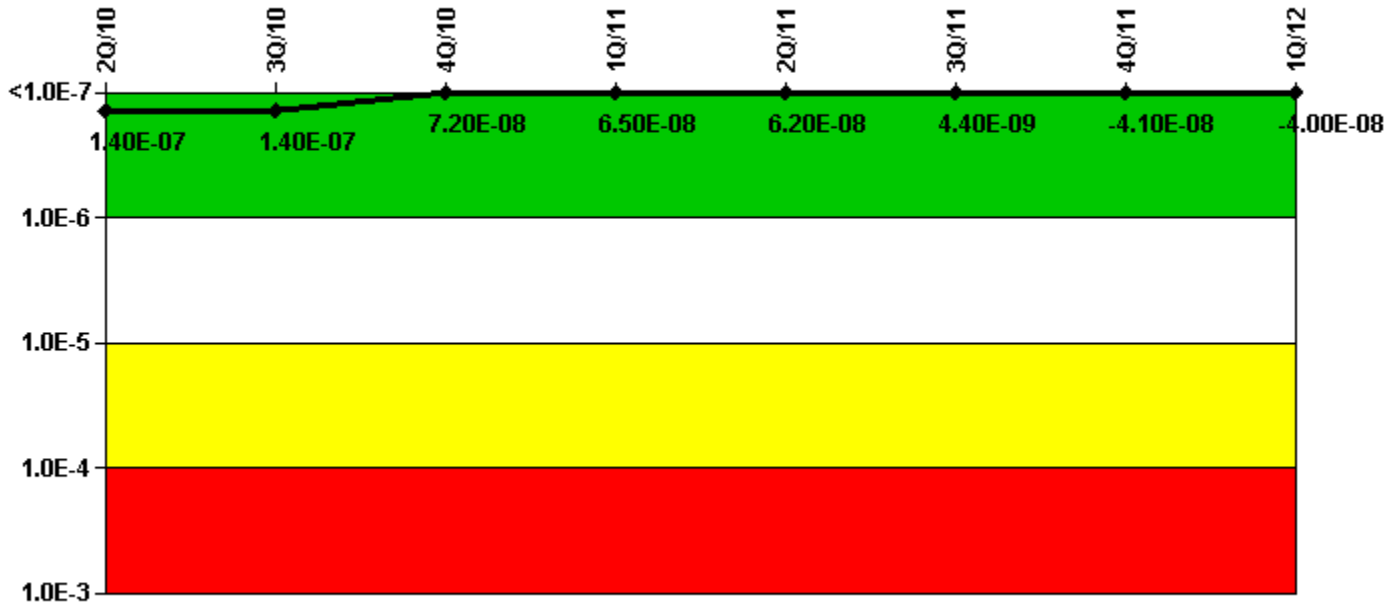
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.55E-08	3.50E-08	3.35E-08	2.83E-08	2.90E-08	2.27E-08	1.89E-08	2.27E-08
URI (Δ CDF)	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08	-3.19E-08	-2.78E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09	-9.20E-09	-8.90E-09	-5.10E-09

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

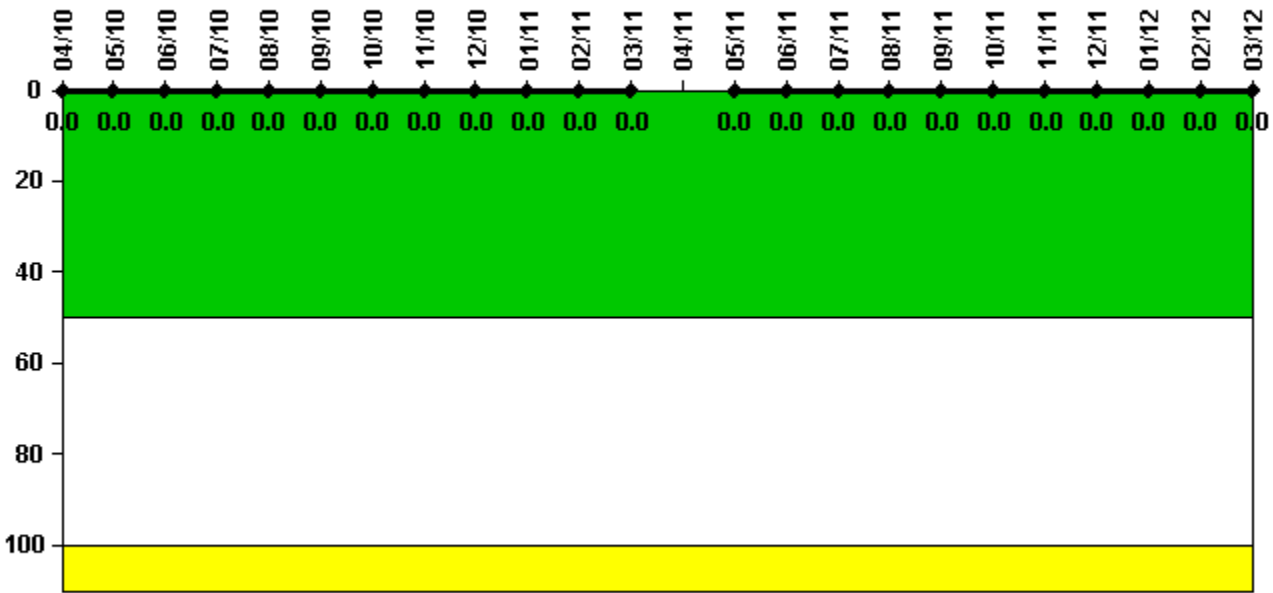
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	5.46E-09	5.46E-09	4.23E-10	4.19E-10	4.25E-10	4.25E-10	3.54E-10	3.54E-10
URI (Δ CDF)	1.31E-07	1.31E-07	7.13E-08	6.48E-08	6.17E-08	3.95E-09	-4.09E-08	-4.05E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	1.40E-07	7.20E-08	6.50E-08	6.20E-08	4.40E-09	-4.10E-08	-4.00E-08

Licensee Comments:

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

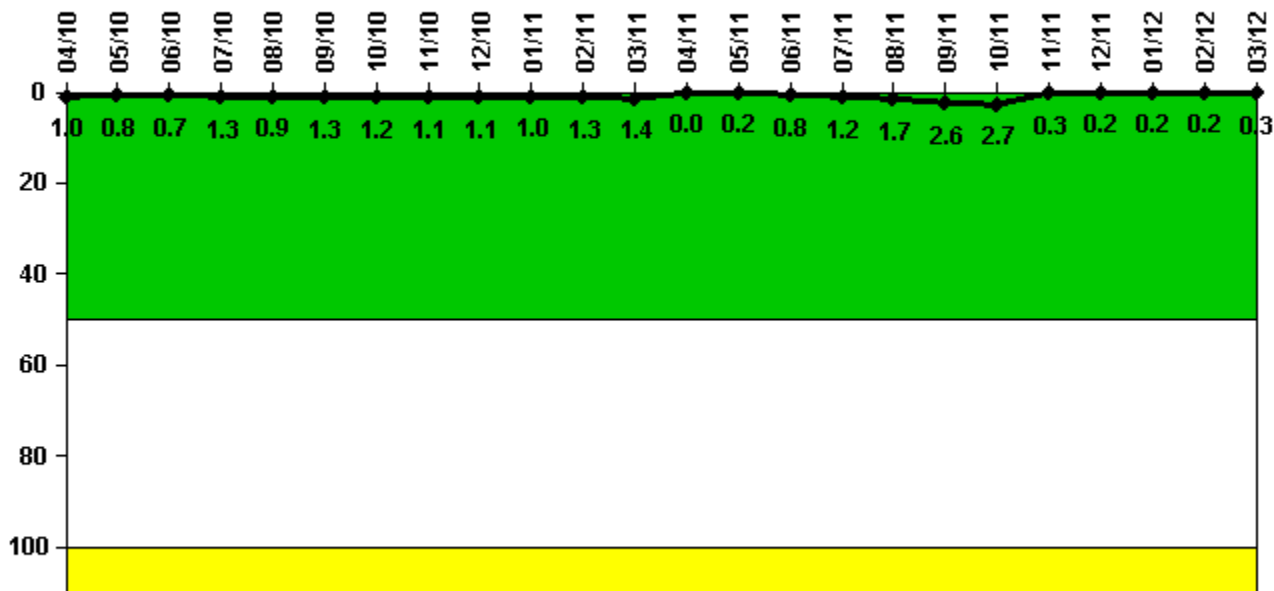
Notes

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000061	0.000068	0.000072	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	N/A	0.000033	0.000065	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



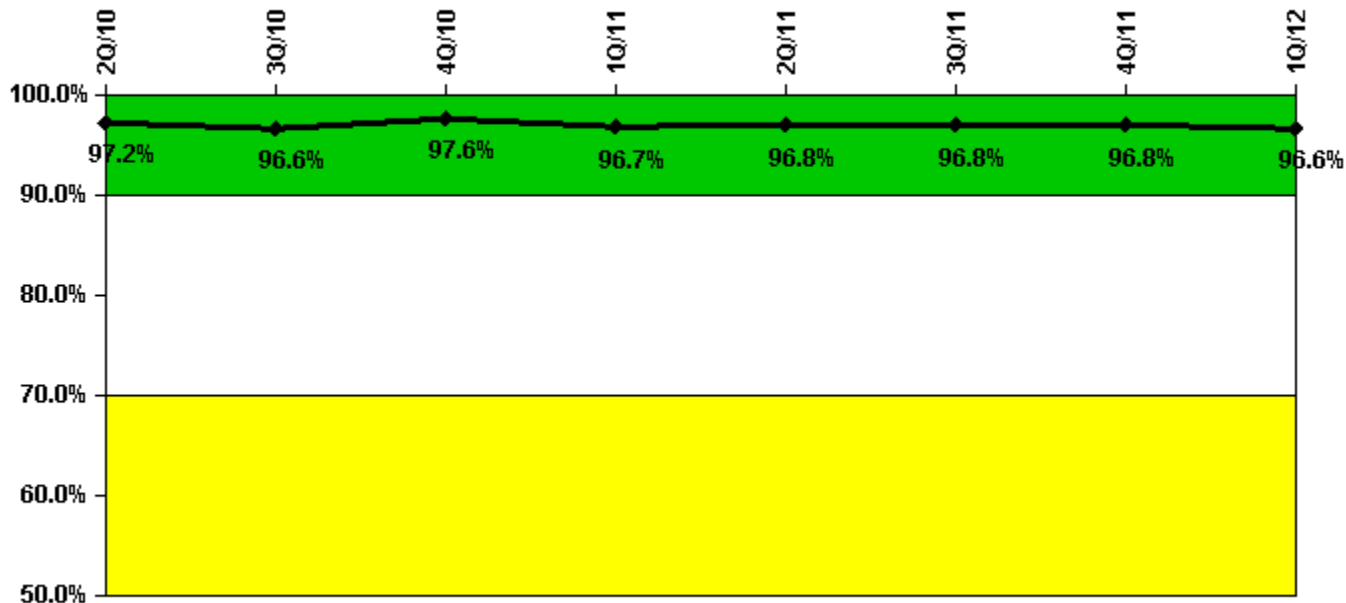
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.104	0.082	0.069	0.127	0.088	0.133	0.119	0.107	0.113	0.097	0.133	0.144
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.8	0.7	1.3	0.9	1.3	1.2	1.1	1.1	1.0	1.3	1.4
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0	0.021	0.083	0.124	0.168	0.258	0.272	0.029	0.024	0.024	0.024	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.2	0.8	1.2	1.7	2.6	2.7	0.3	0.2	0.2	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

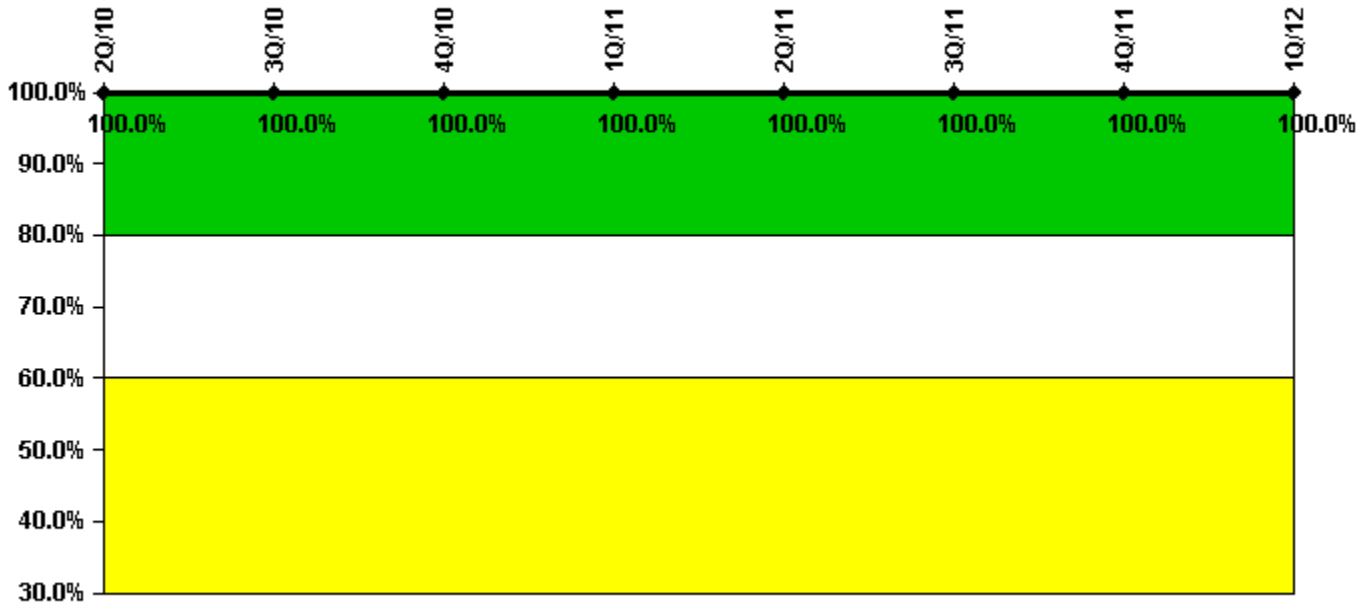
Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	30.0	33.0	21.0	55.0	21.0	26.0	57.0	41.0
Total opportunities	32.0	35.0	21.0	58.0	21.0	27.0	58.0	42.0
Indicator value	97.2%	96.6%	97.6%	96.7%	96.8%	96.8%	96.8%	96.6%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



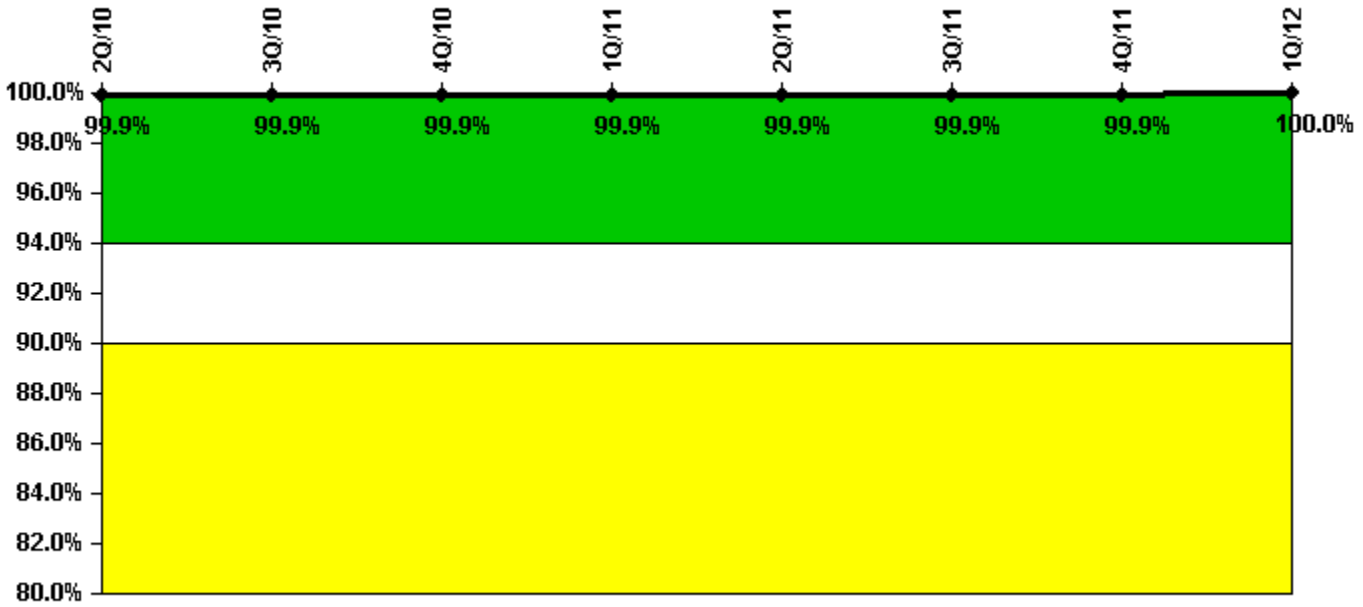
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	85.0	86.0	85.0	86.0	89.0	89.0	87.0	95.0
Total Key personnel	85.0	86.0	85.0	86.0	89.0	89.0	87.0	95.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



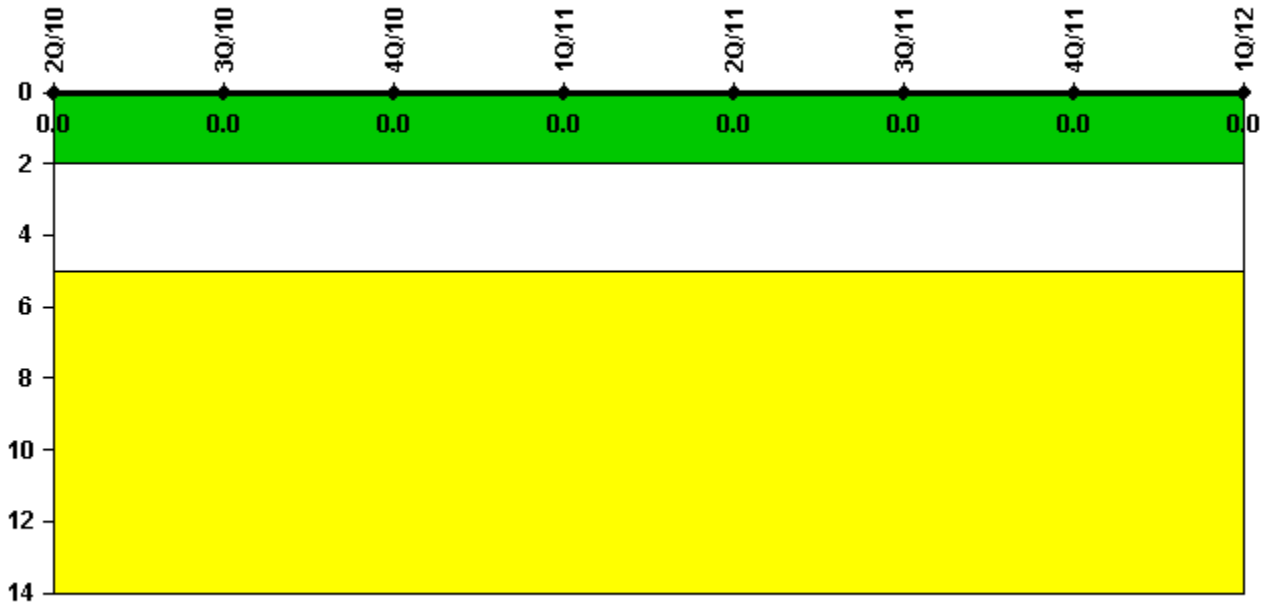
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	726	845	726	845	726	847	846	726
Total sirens-tests	726	847	726	847	726	847	847	726
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



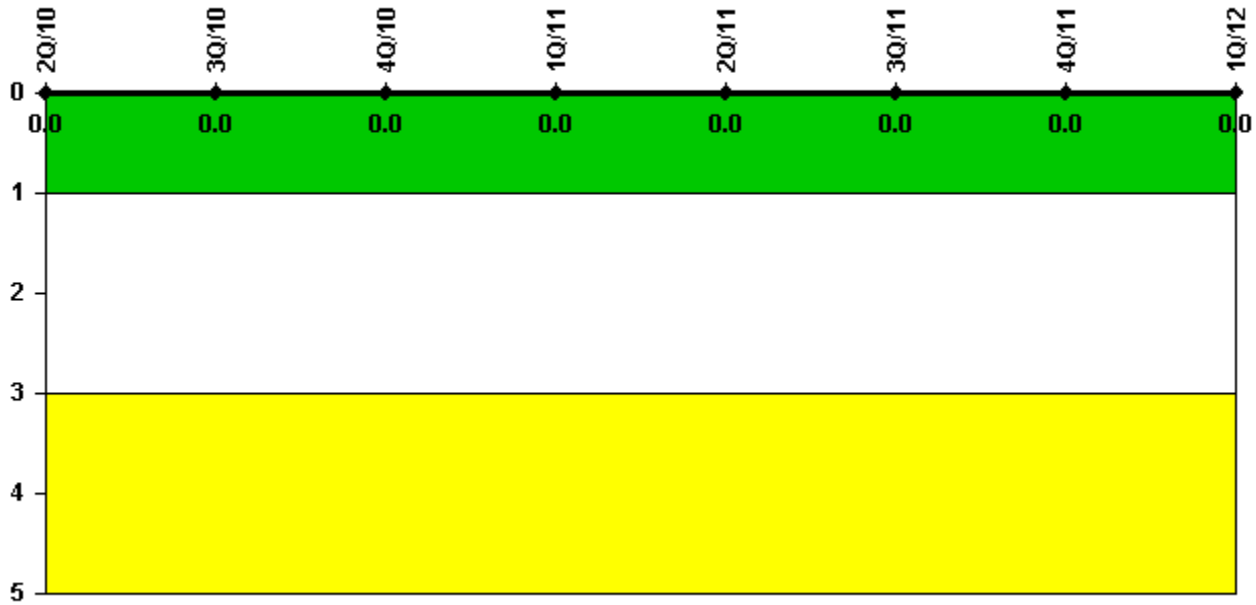
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

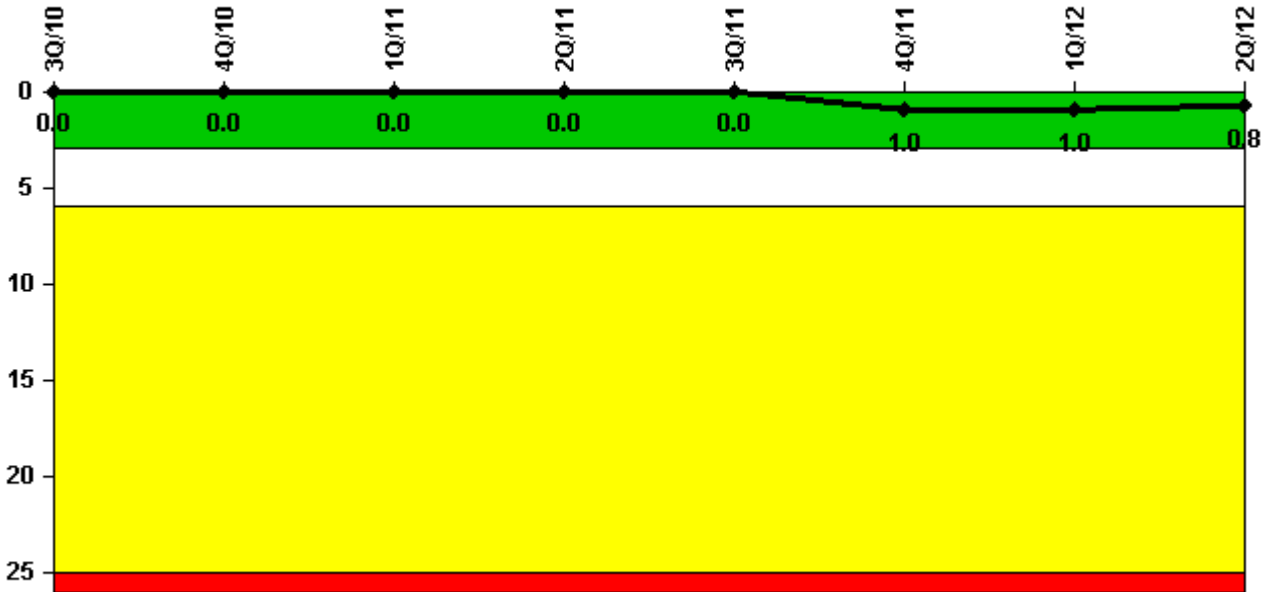
[Security](#) information not publicly available.

Seabrook 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



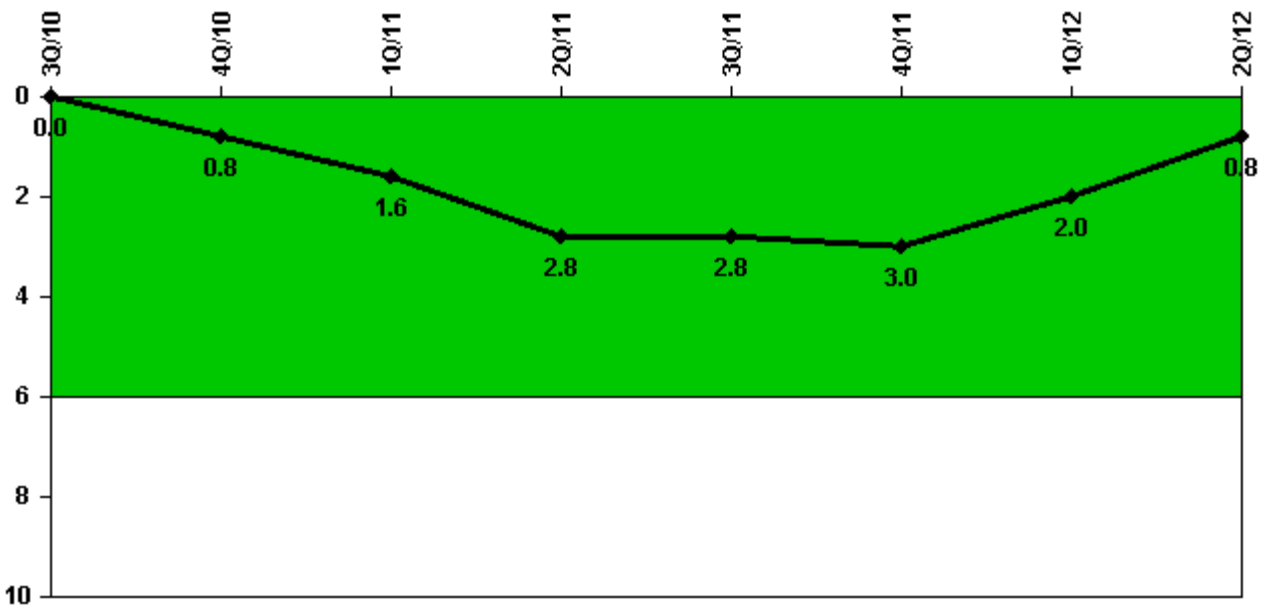
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	934.4	2208.0	1747.1	2183.0	2184.0
Indicator value	0	0	0	0	0	1.0	1.0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



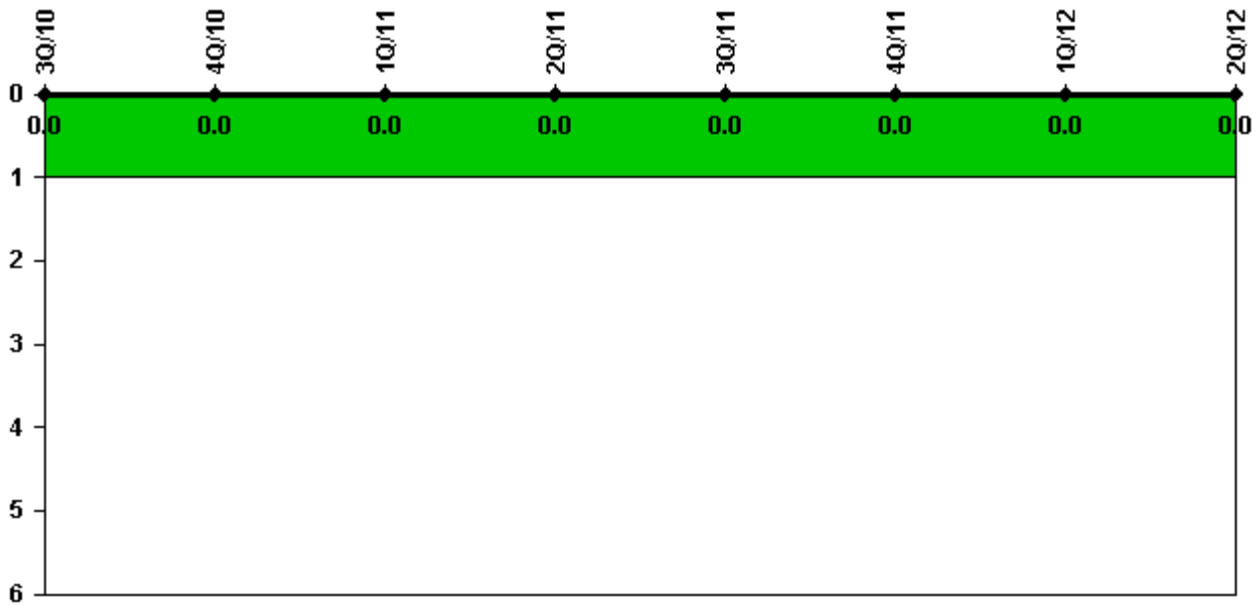
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	1.0	1.0	1.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	934.4	2208.0	1747.1	2183.0	2184.0
Indicator value	0	0.8	1.6	2.8	2.8	3.0	2.0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



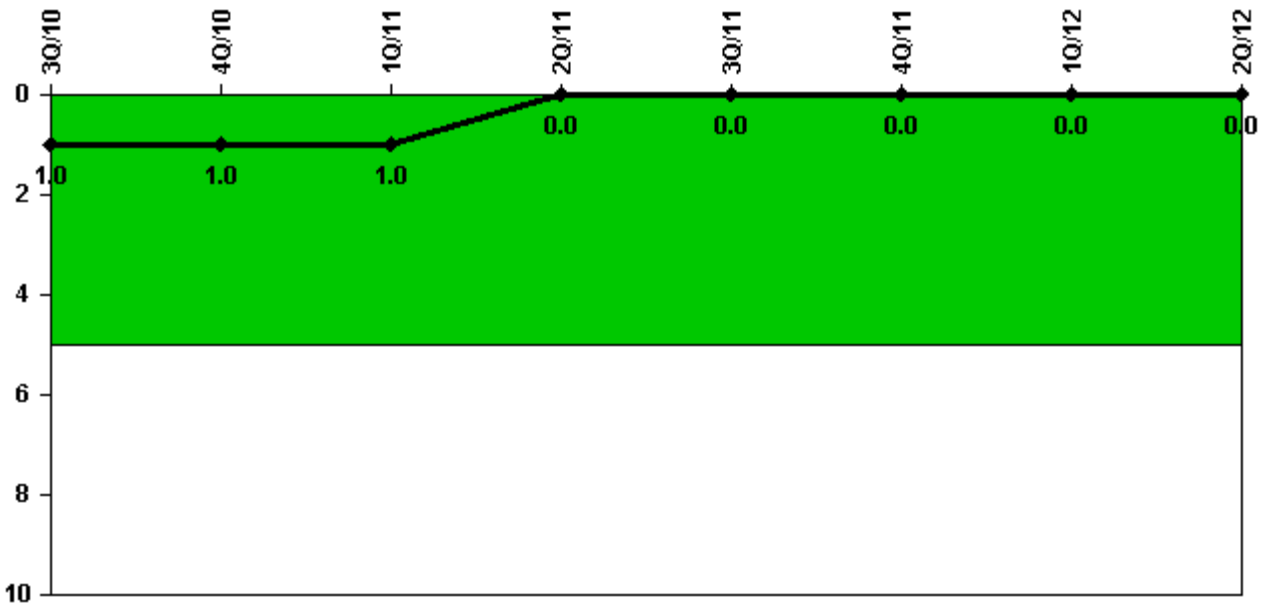
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



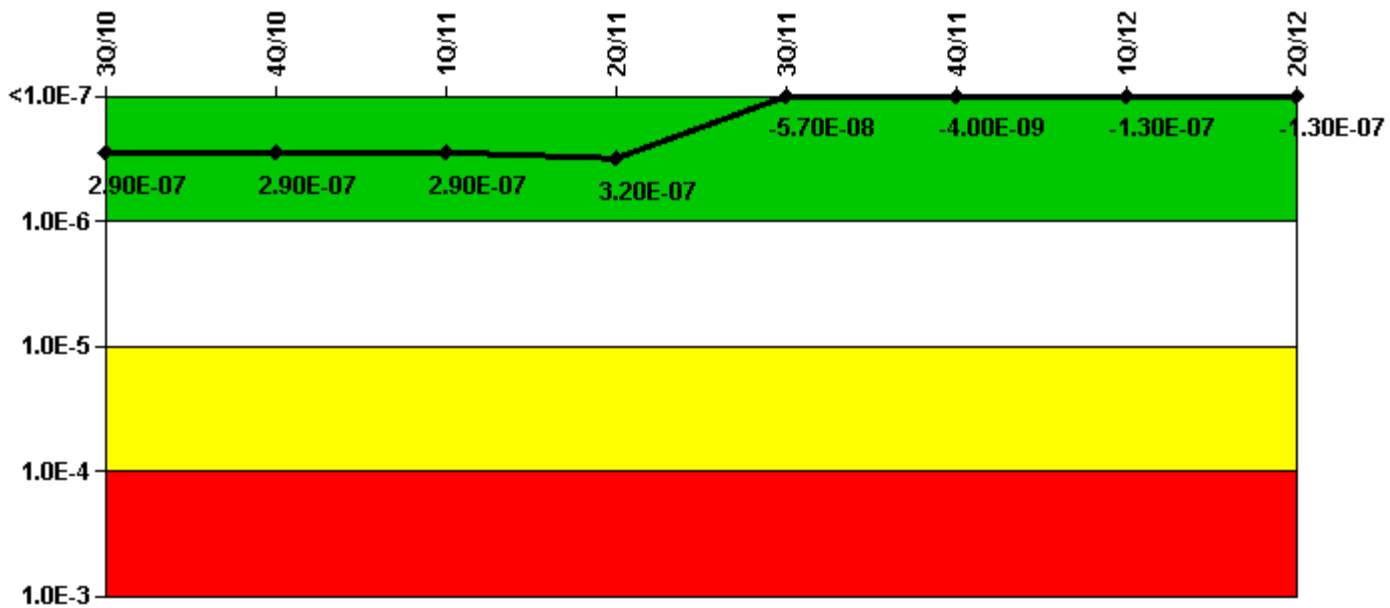
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.89E-09	2.89E-09	2.47E-09	3.11E-09	-3.28E-09	-1.78E-09	-3.32E-08	-3.32E-08
URI (ΔCDF)	2.88E-07	2.87E-07	2.90E-07	3.21E-07	-5.37E-08	-2.24E-09	-9.82E-08	-9.77E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	2.90E-07	2.90E-07	3.20E-07	-5.70E-08	-4.00E-09	-1.30E-07	-1.30E-07

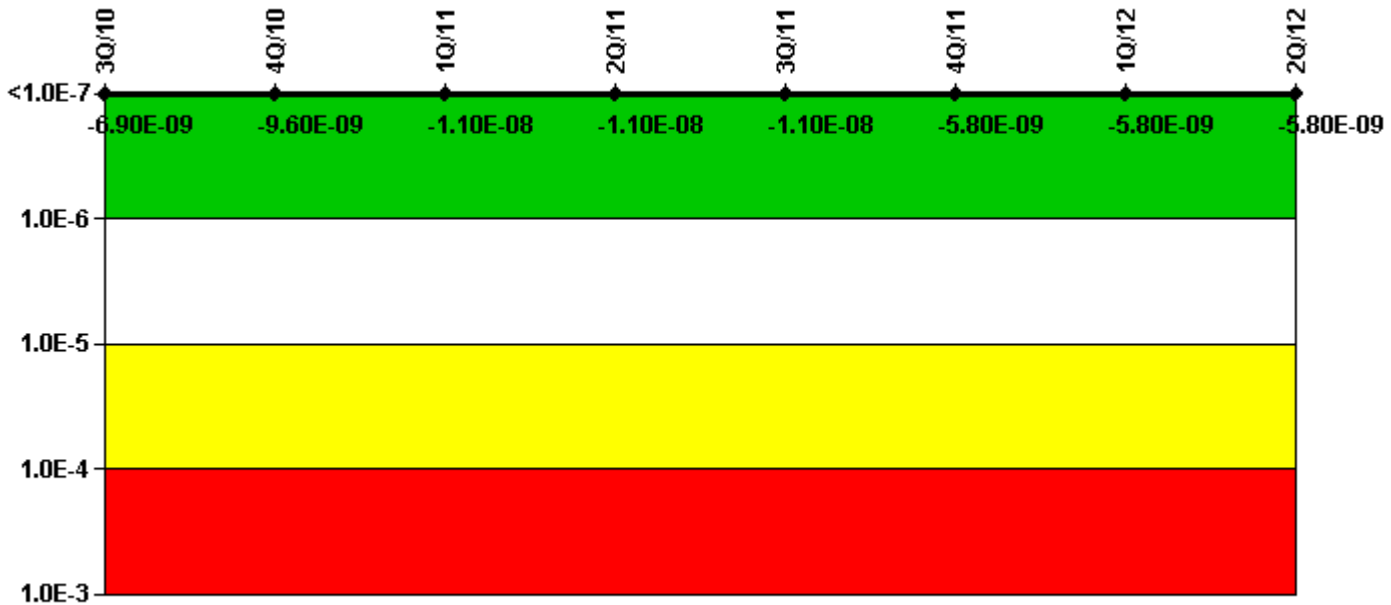
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

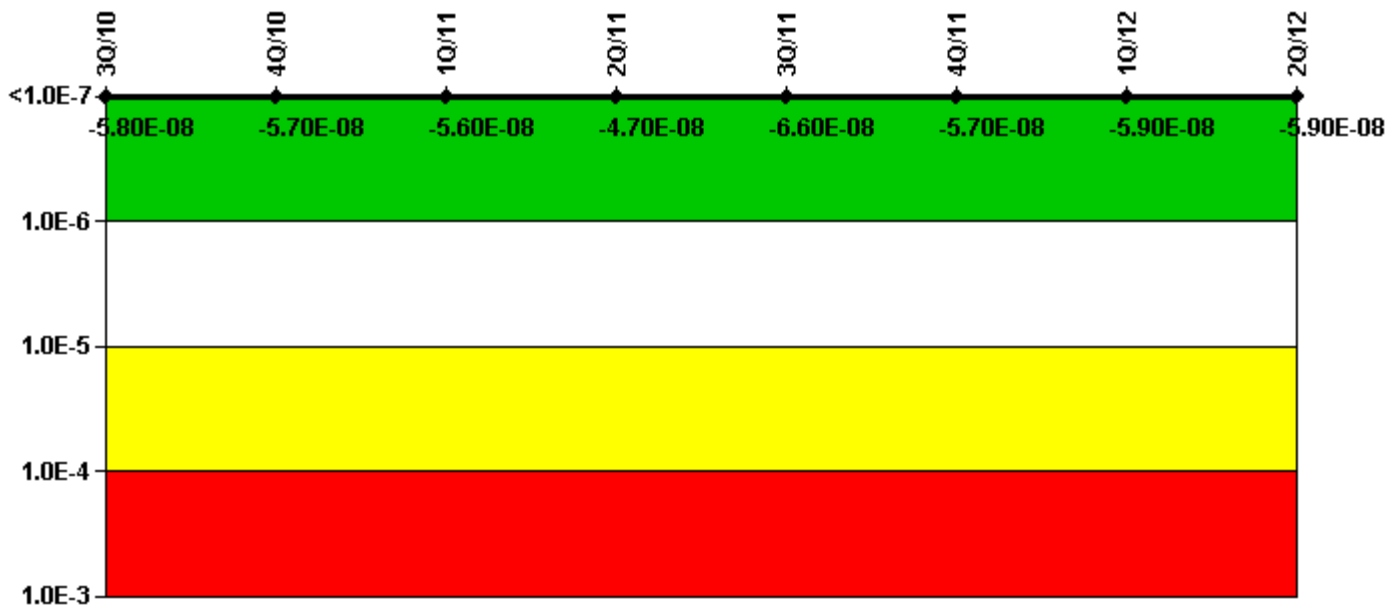
Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09	-7.10E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09	-4.14E-09	-2.69E-09	-2.68E-09	-2.68E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08	-1.10E-08	-5.80E-09	-5.80E-09	-5.80E-09

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

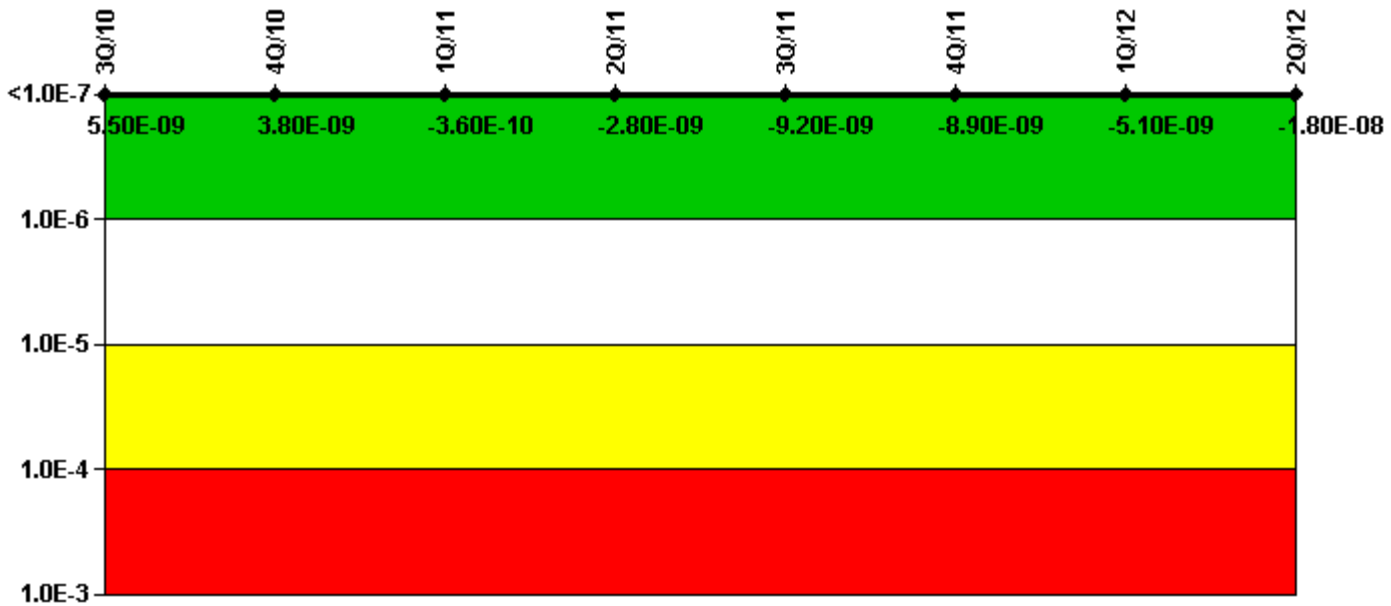
Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09	-2.24E-08	-1.86E-08	-2.01E-08	-2.02E-08
URI (Δ CDF)	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08	-4.32E-08	-3.89E-08	-3.88E-08	-3.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08	-6.60E-08	-5.70E-08	-5.90E-08	-5.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

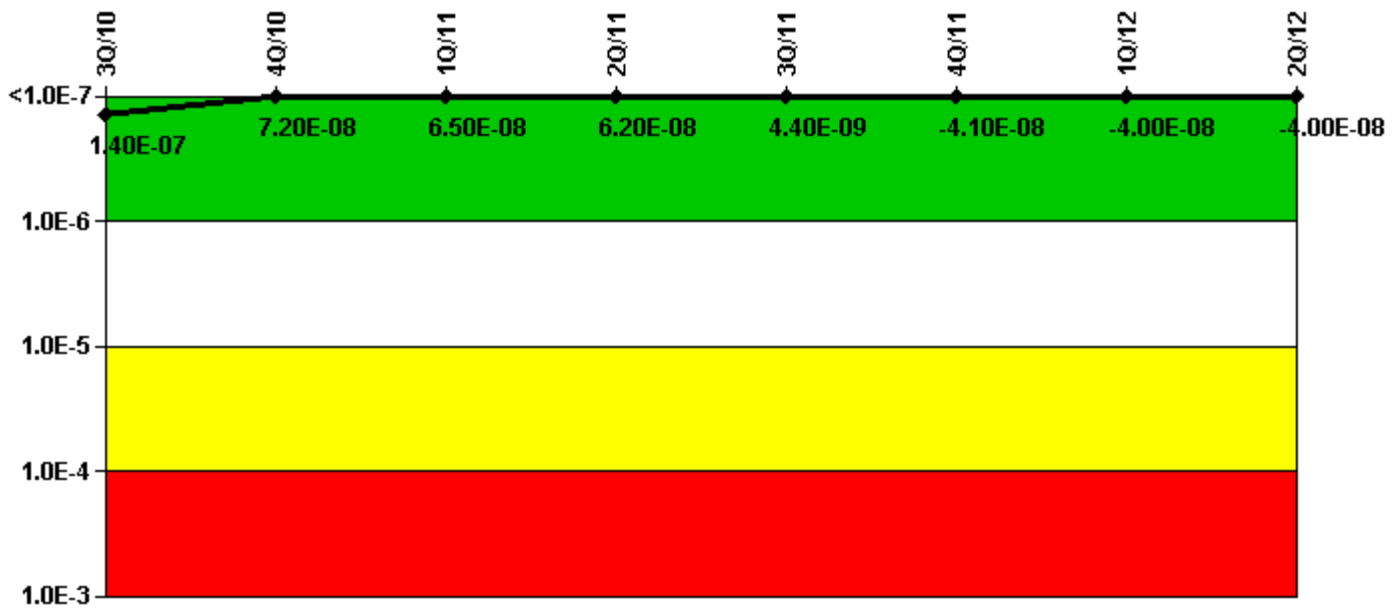
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	3.50E-08	3.35E-08	2.83E-08	2.90E-08	2.27E-08	1.89E-08	2.27E-08	9.98E-09
URI (Δ CDF)	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08	-3.19E-08	-2.78E-08	-2.78E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09	-9.20E-09	-8.90E-09	-5.10E-09	-1.80E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

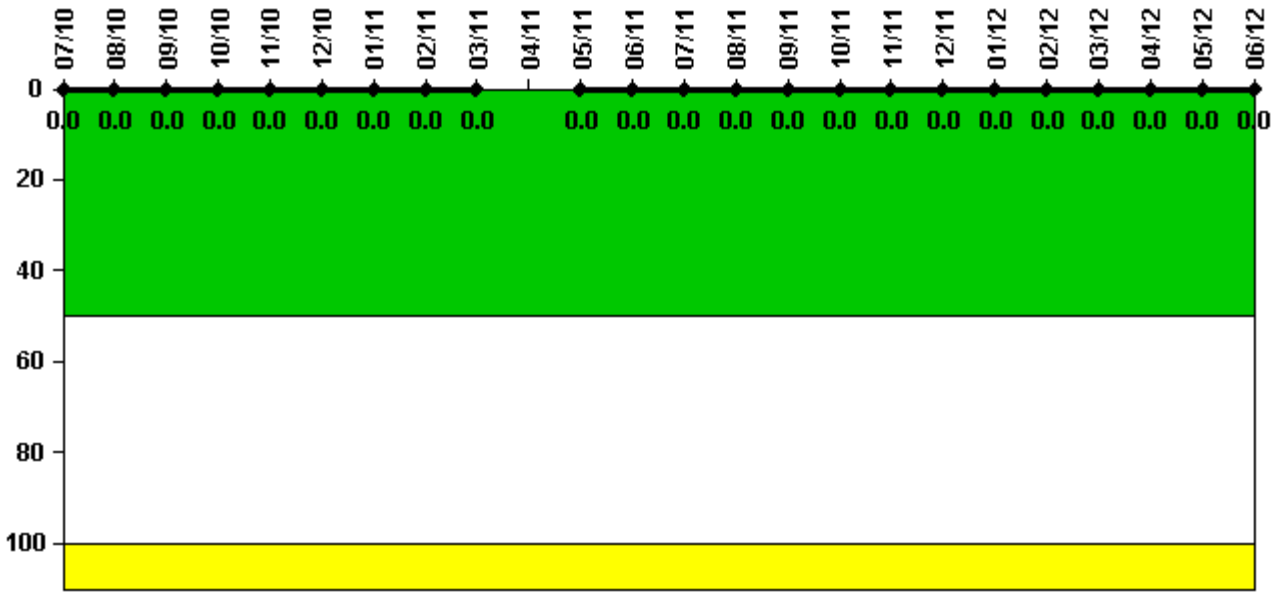
Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	5.46E-09	4.23E-10	4.19E-10	4.25E-10	4.25E-10	3.54E-10	3.54E-10	3.54E-10
URI (Δ CDF)	1.31E-07	7.13E-08	6.48E-08	6.17E-08	3.95E-09	-4.09E-08	-4.05E-08	-4.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	7.20E-08	6.50E-08	6.20E-08	4.40E-09	-4.10E-08	-4.00E-08	-4.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

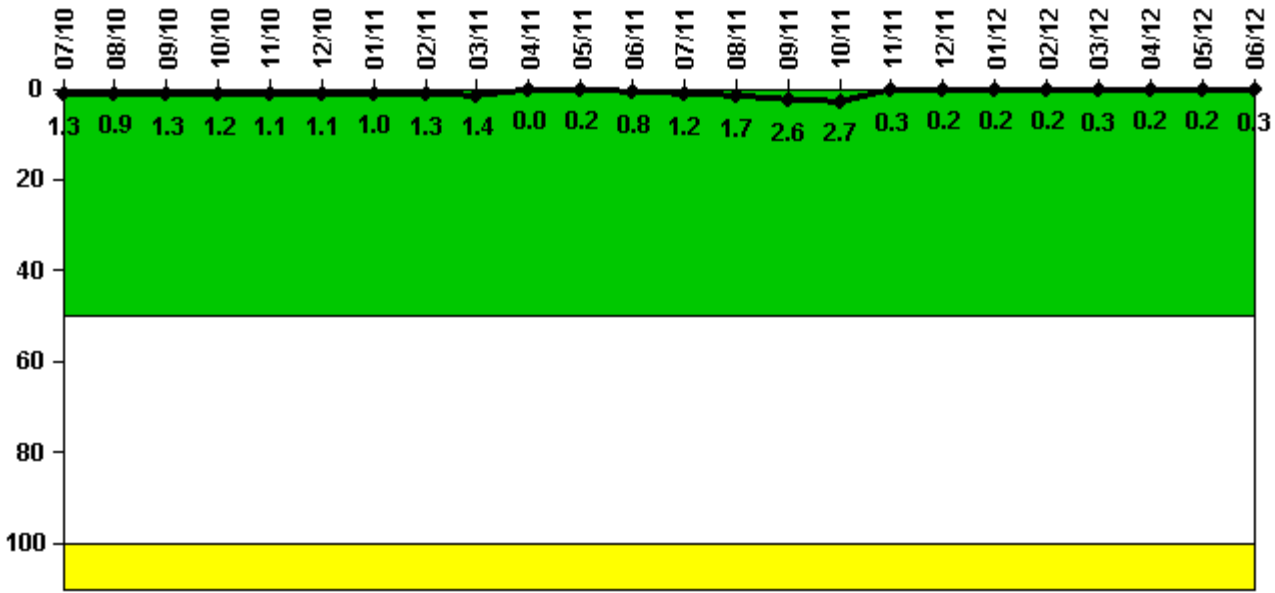
Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106	N/A	0.000033	0.000065
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



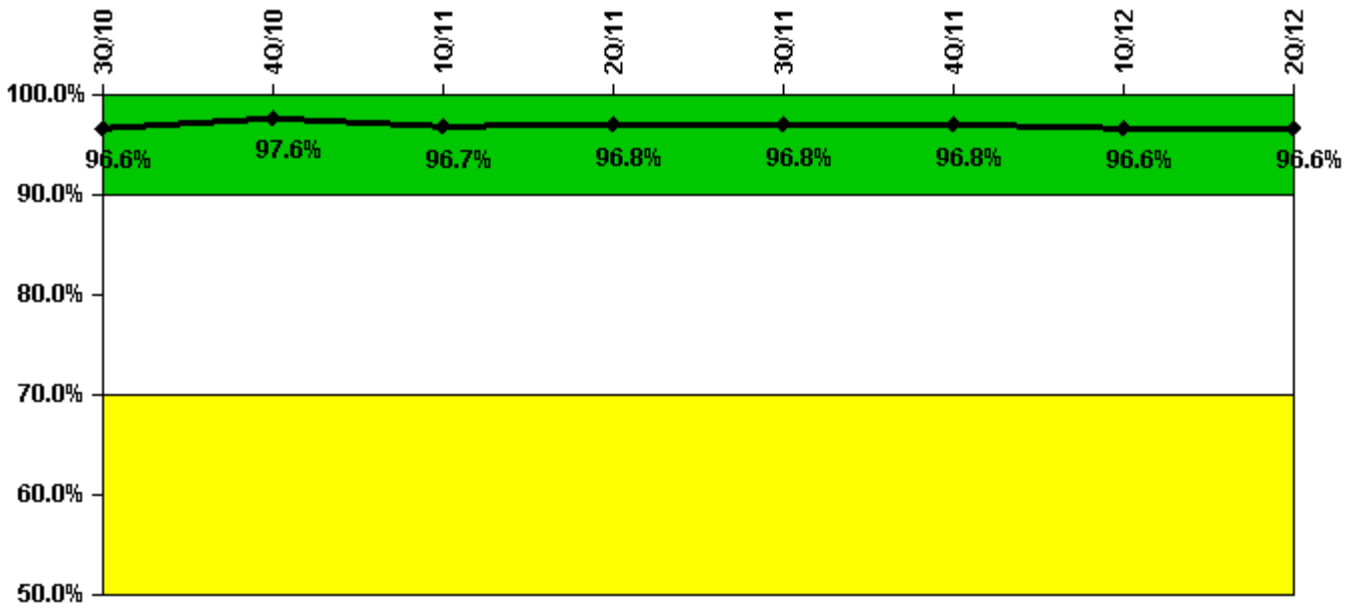
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.127	0.088	0.133	0.119	0.107	0.113	0.097	0.133	0.144	0	0.021	0.083
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.9	1.3	1.2	1.1	1.1	1.0	1.3	1.4	0	0.2	0.8
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.124	0.168	0.258	0.272	0.029	0.024	0.024	0.024	0.027	0.022	0.024	0.025
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.7	2.6	2.7	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

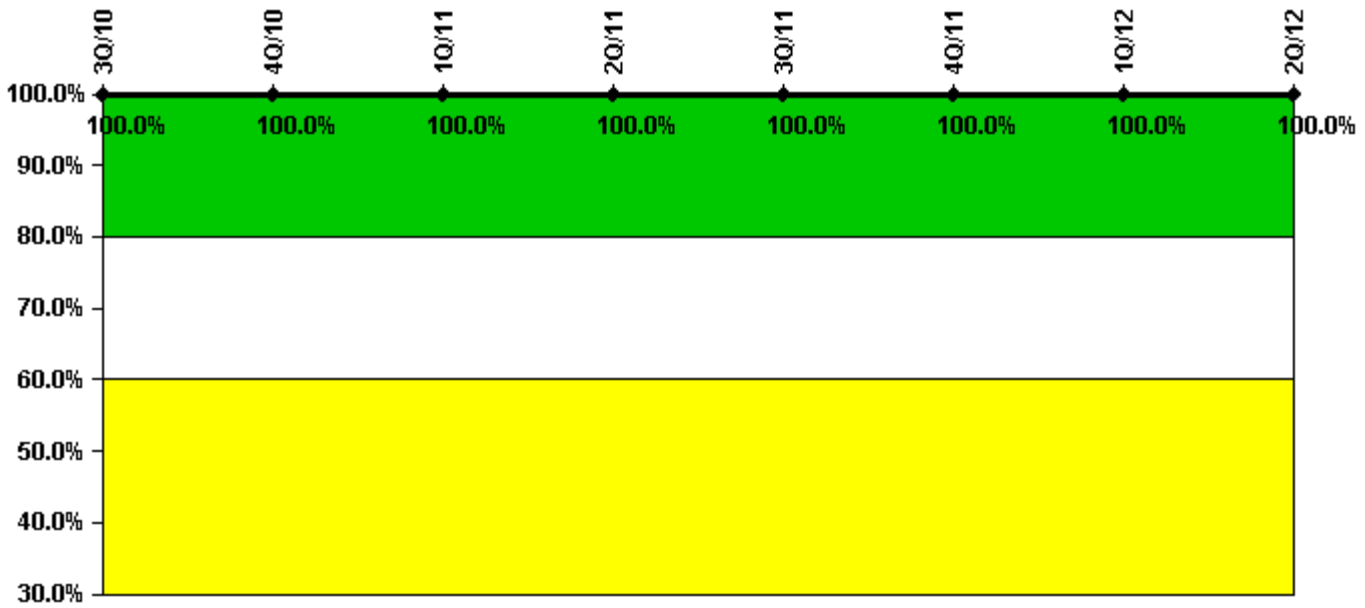
Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	33.0	21.0	55.0	21.0	26.0	57.0	41.0	29.0
Total opportunities	35.0	21.0	58.0	21.0	27.0	58.0	42.0	31.0
Indicator value	96.6%	97.6%	96.7%	96.8%	96.8%	96.8%	96.6%	96.6%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



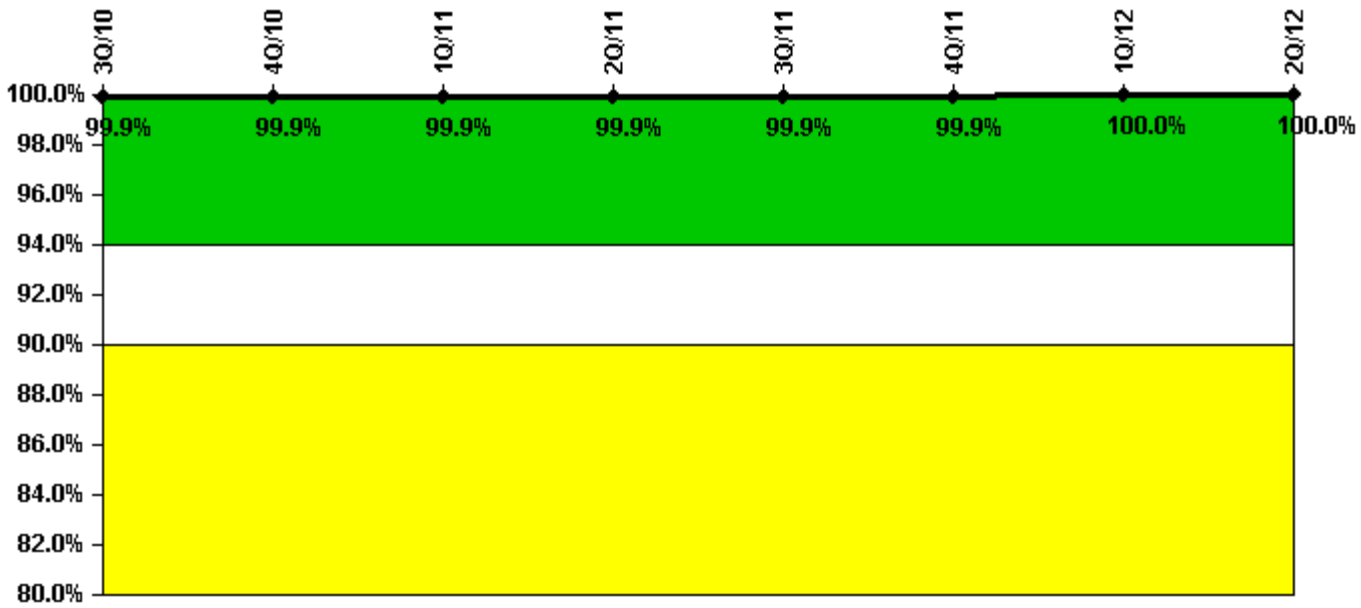
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	86.0	85.0	86.0	89.0	89.0	87.0	95.0	94.0
Total Key personnel	86.0	85.0	86.0	89.0	89.0	87.0	95.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



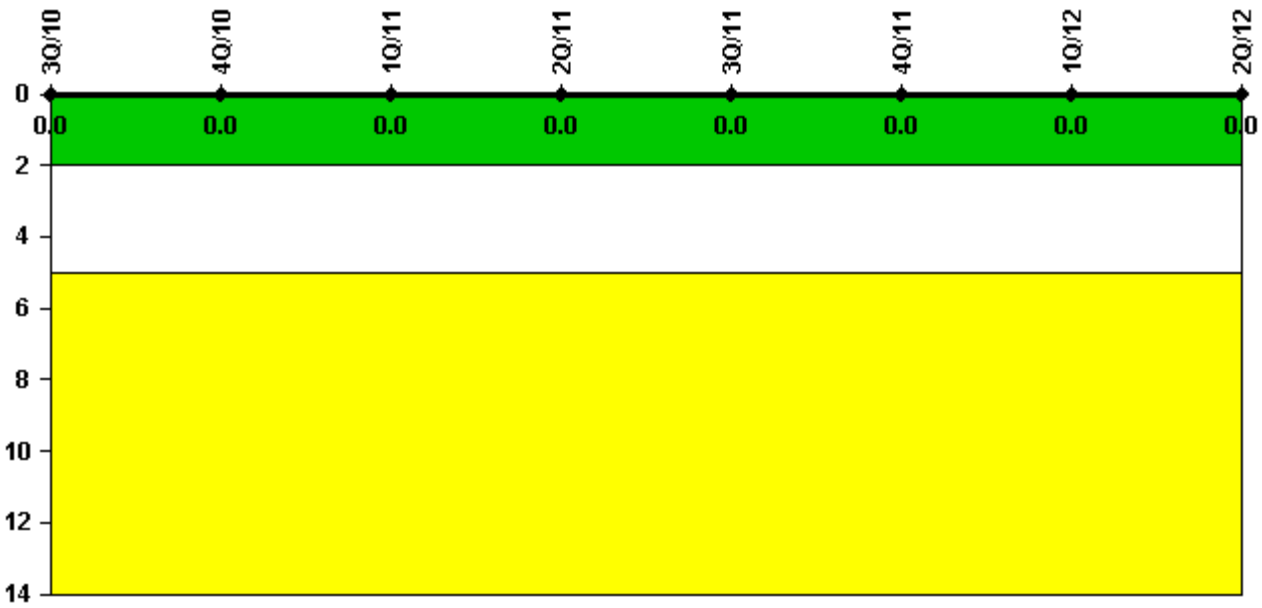
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	845	726	845	726	847	846	726	847
Total sirens-tests	847	726	847	726	847	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



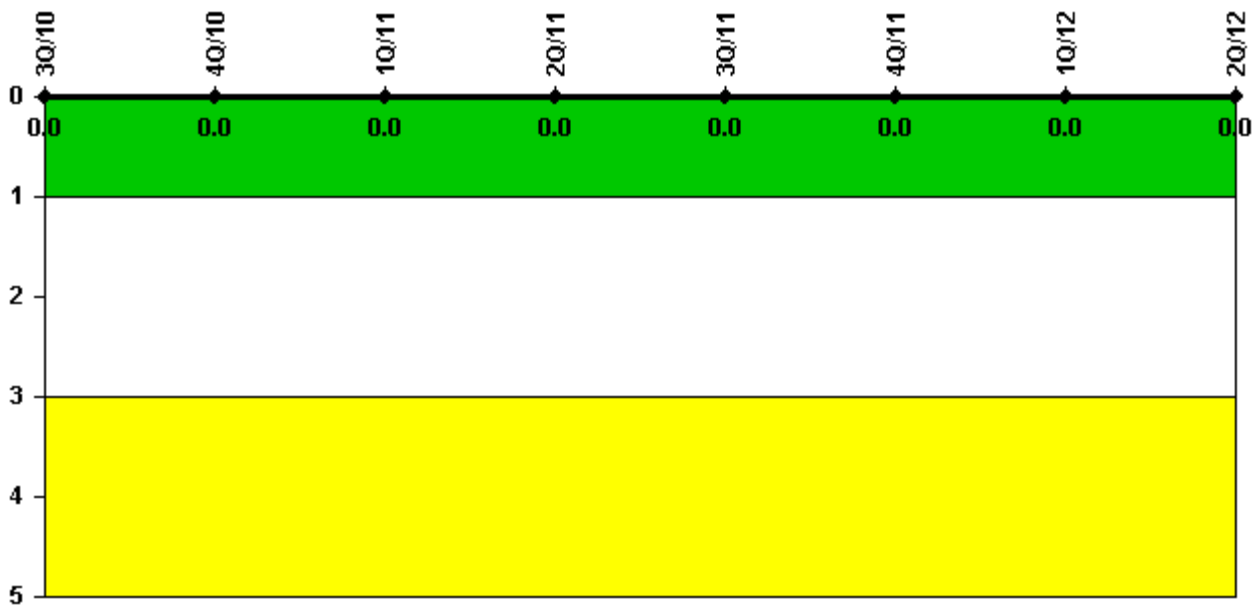
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

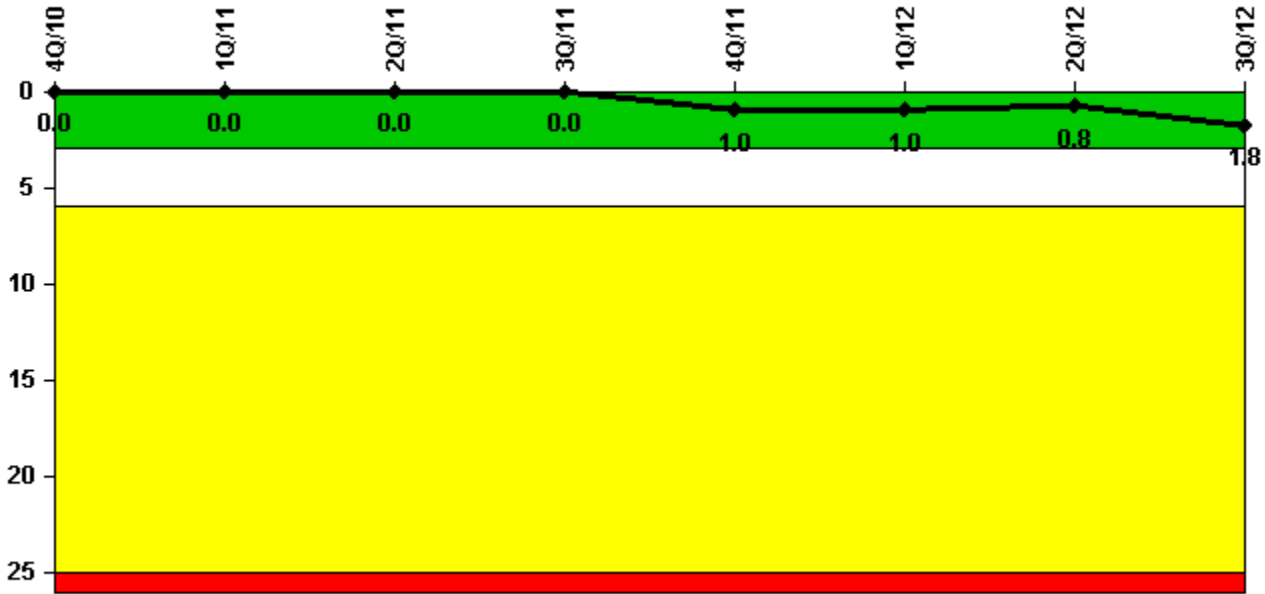
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Seabrook 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



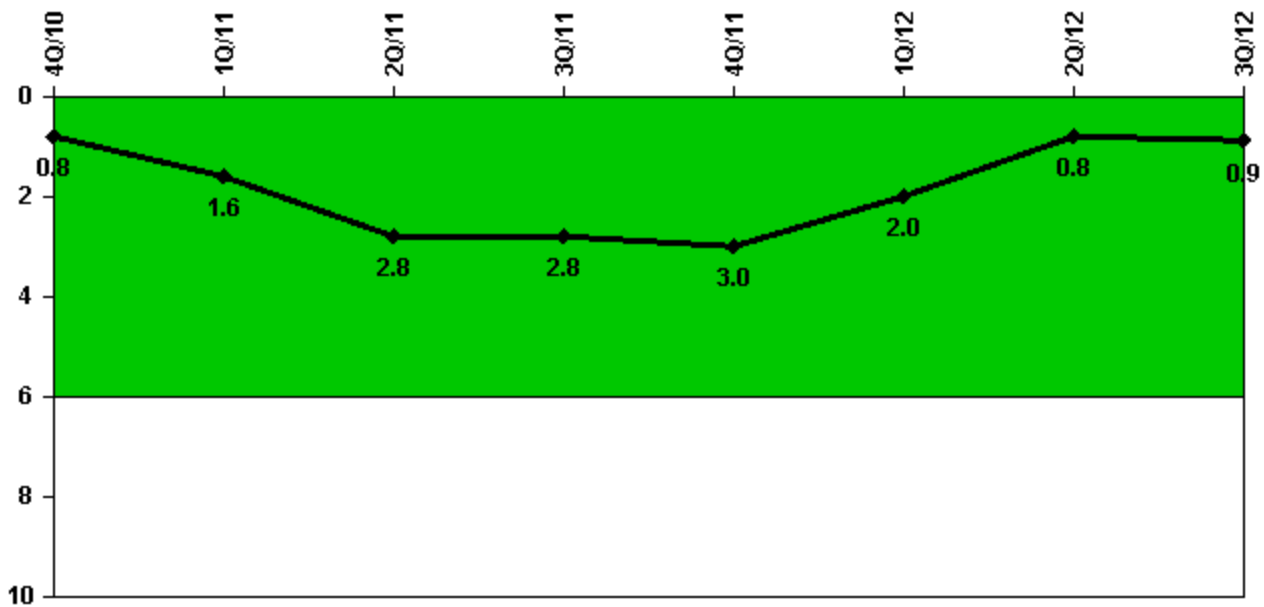
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	1.0	0	0	1.0
Critical hours	2209.0	2159.0	934.4	2208.0	1747.1	2183.0	2184.0	1820.4
Indicator value	0	0	0	0	1.0	1.0	0.8	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



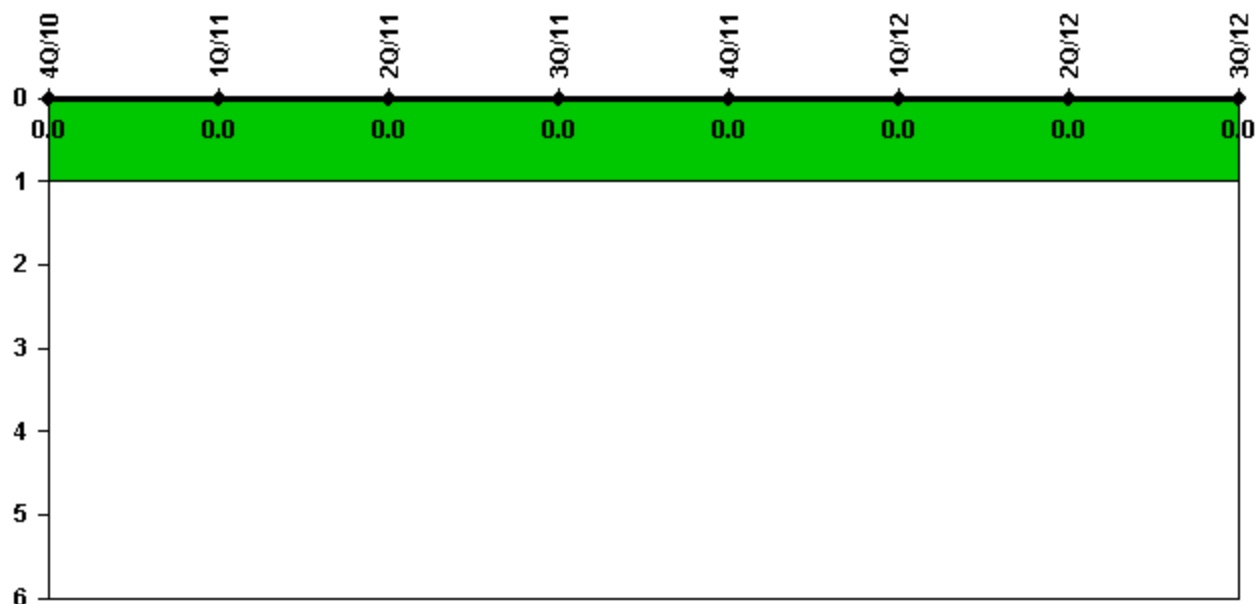
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	1.0	1.0	1.0	0	1.0	0	0	0
Critical hours	2209.0	2159.0	934.4	2208.0	1747.1	2183.0	2184.0	1820.4
Indicator value	0.8	1.6	2.8	2.8	3.0	2.0	0.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



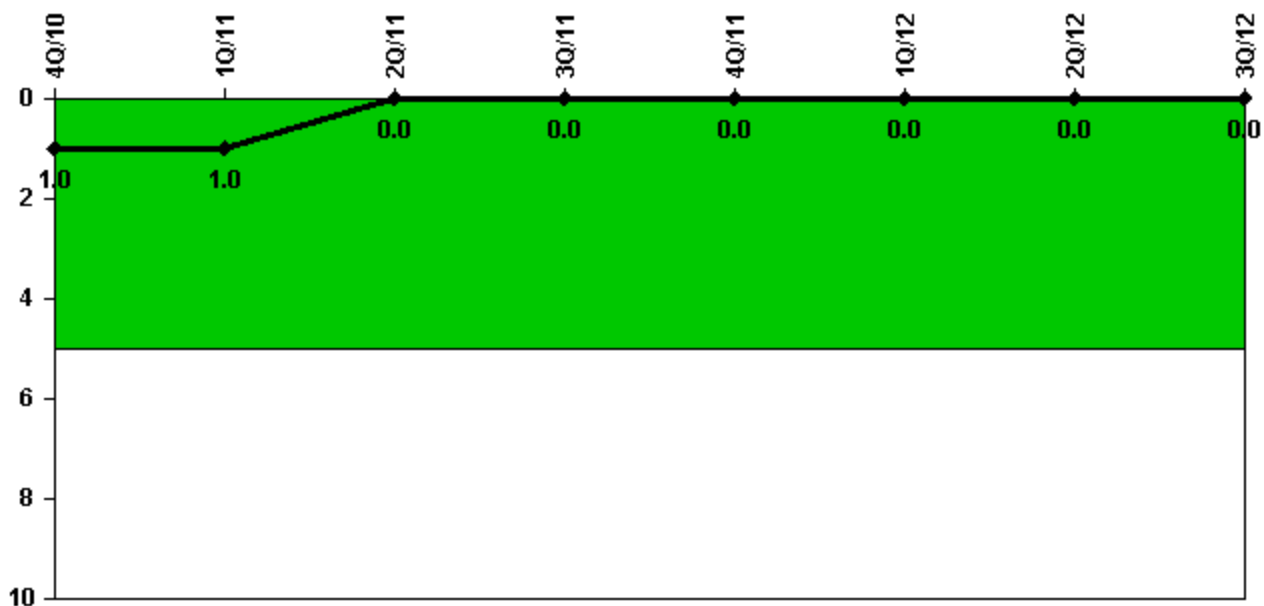
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



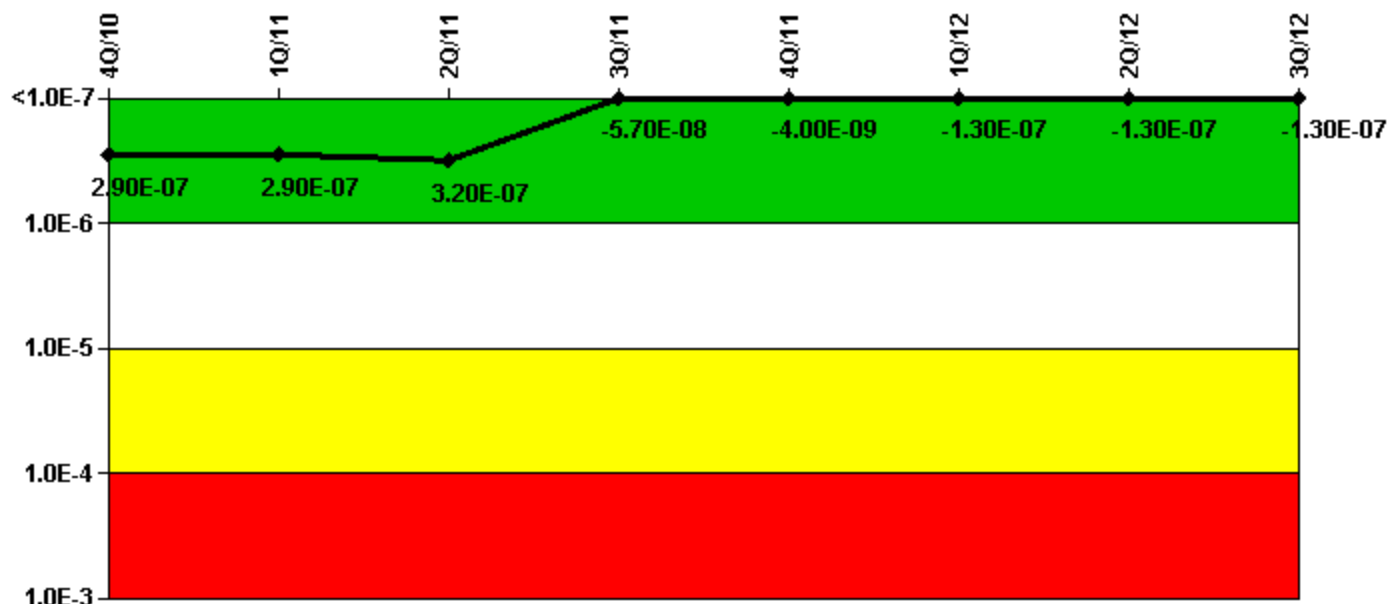
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	2.89E-09	2.47E-09	3.11E-09	-3.28E-09	-1.78E-09	-3.32E-08	-3.32E-08	-3.32E-08
URI (ΔCDF)	2.87E-07	2.90E-07	3.21E-07	-5.37E-08	-2.24E-09	-9.82E-08	-9.77E-08	-9.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	2.90E-07	3.20E-07	-5.70E-08	-4.00E-09	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

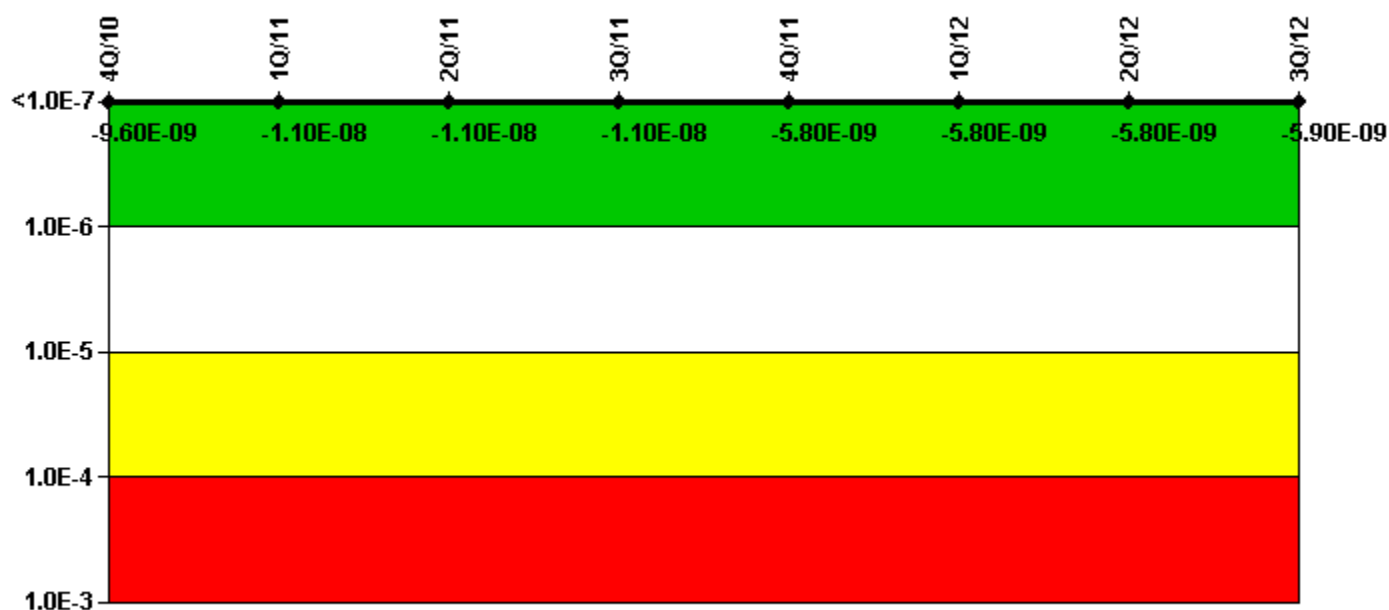
2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification

requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	-5.70E-09	-6.68E-09	-6.91E-09	-7.10E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (ΔCDF)	-3.87E-09	-3.84E-09	-4.15E-09	-4.14E-09	-2.69E-09	-2.68E-09	-2.68E-09	-2.81E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.60E-09	-1.10E-08	-1.10E-08	-1.10E-08	-5.80E-09	-5.80E-09	-5.80E-09	-5.90E-09

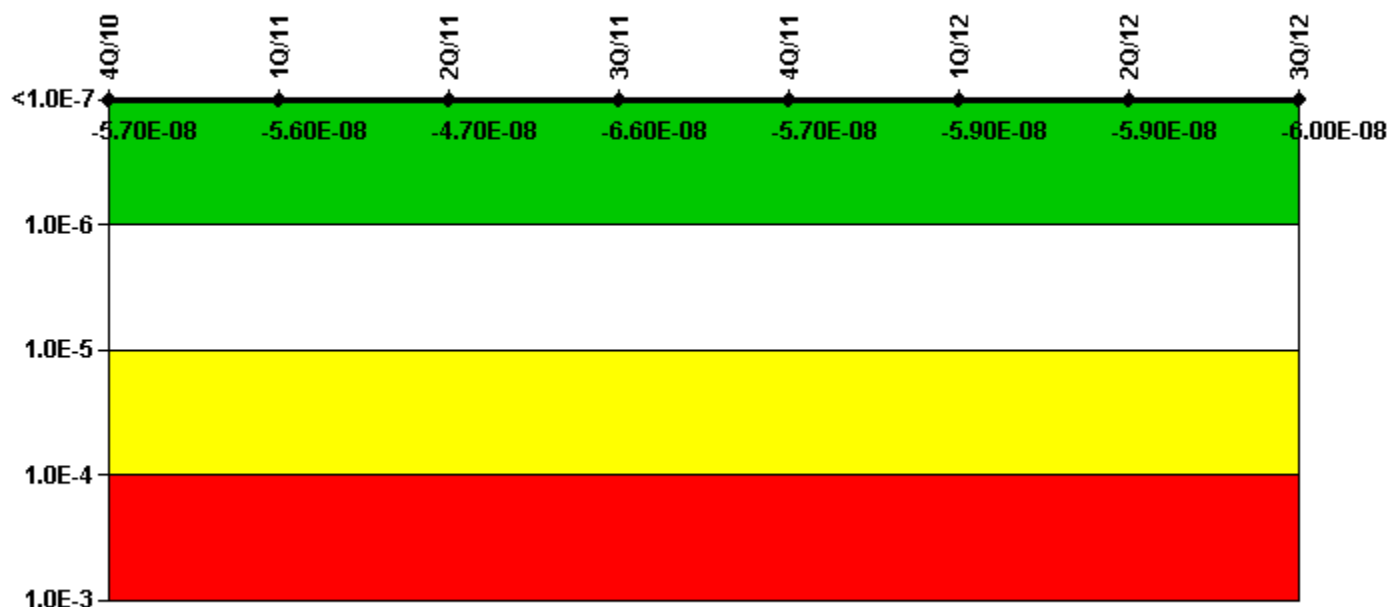
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective

in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

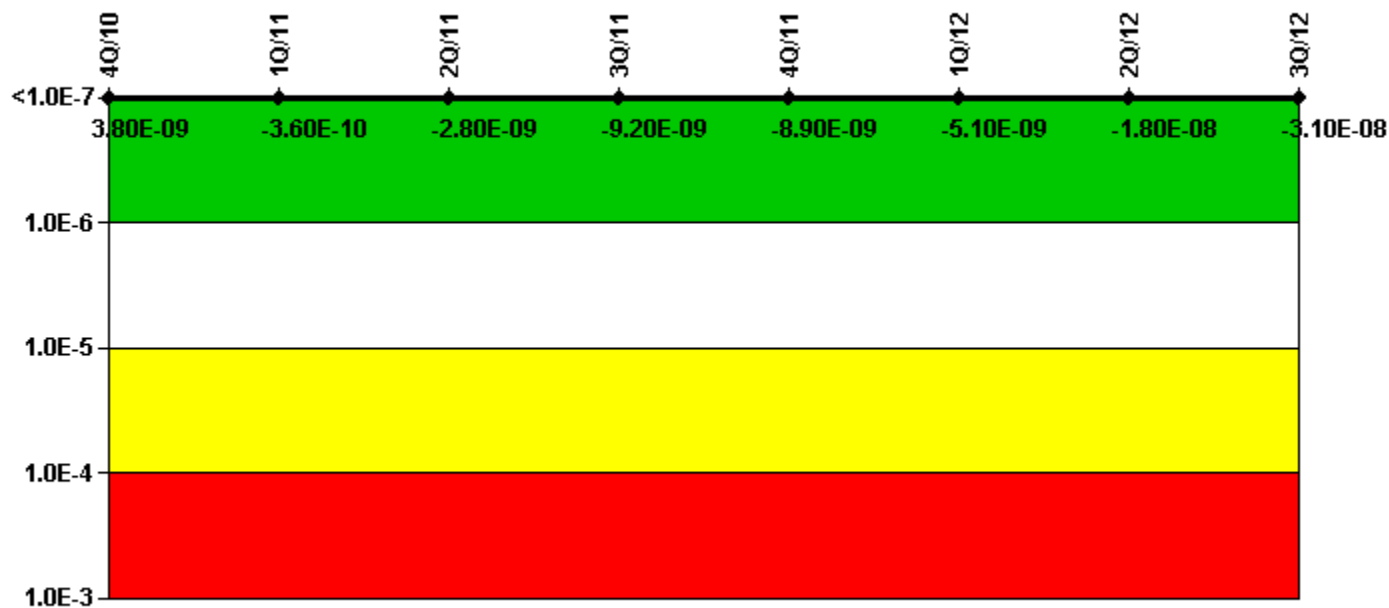
Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-1.06E-08	-1.05E-08	-3.73E-09	-2.24E-08	-1.86E-08	-2.01E-08	-2.02E-08	-1.98E-08
URI (Δ CDF)	-4.68E-08	-4.53E-08	-4.33E-08	-4.32E-08	-3.89E-08	-3.88E-08	-3.88E-08	-4.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.60E-08	-4.70E-08	-6.60E-08	-5.70E-08	-5.90E-08	-5.90E-08	-6.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

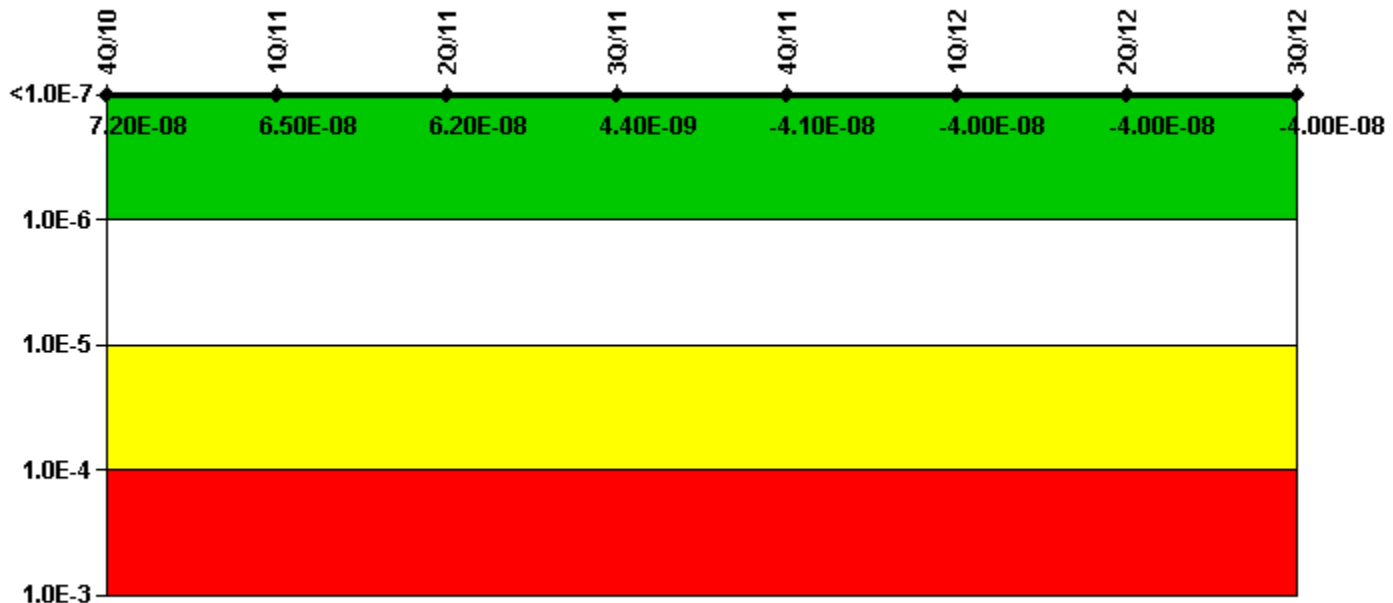
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	3.35E-08	2.83E-08	2.90E-08	2.27E-08	1.89E-08	2.27E-08	9.98E-09	-1.80E-09
URI (ΔCDF)	-2.97E-08	-2.86E-08	-3.17E-08	-3.19E-08	-2.78E-08	-2.78E-08	-2.78E-08	-2.93E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.80E-09	-3.60E-10	-2.80E-09	-9.20E-09	-8.90E-09	-5.10E-09	-1.80E-08	-3.10E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

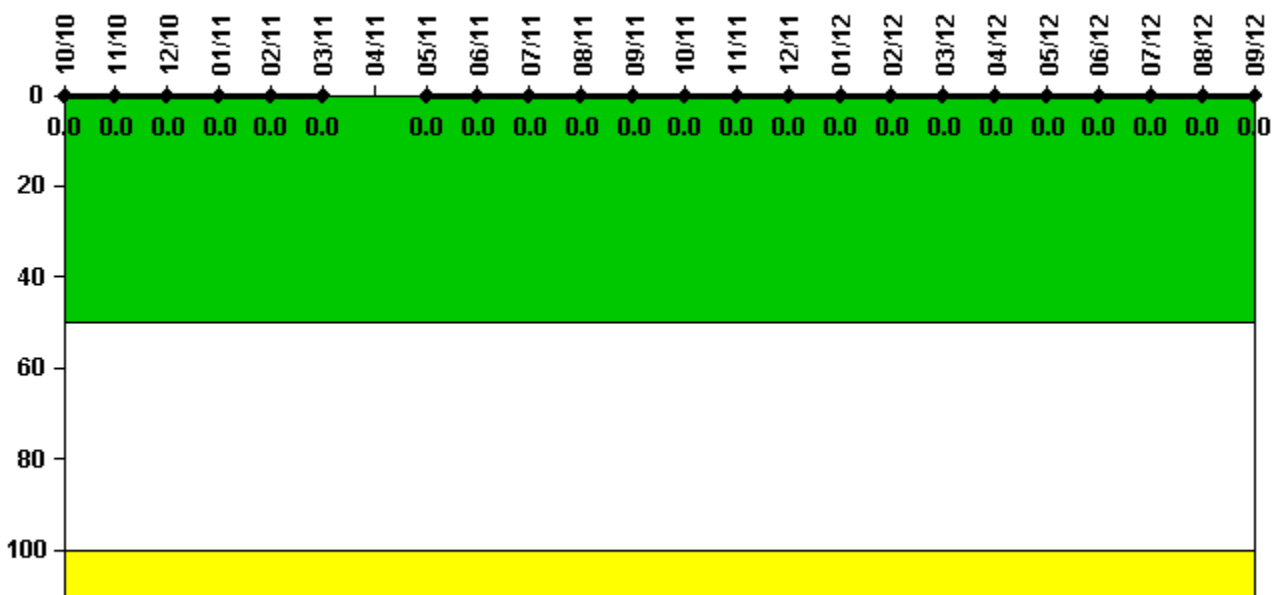
Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	4.23E-10	4.19E-10	4.25E-10	4.25E-10	3.54E-10	3.54E-10	3.54E-10	3.60E-10
URI (Δ CDF)	7.13E-08	6.48E-08	6.17E-08	3.95E-09	-4.09E-08	-4.05E-08	-4.03E-08	-4.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.20E-08	6.50E-08	6.20E-08	4.40E-09	-4.10E-08	-4.00E-08	-4.00E-08	-4.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

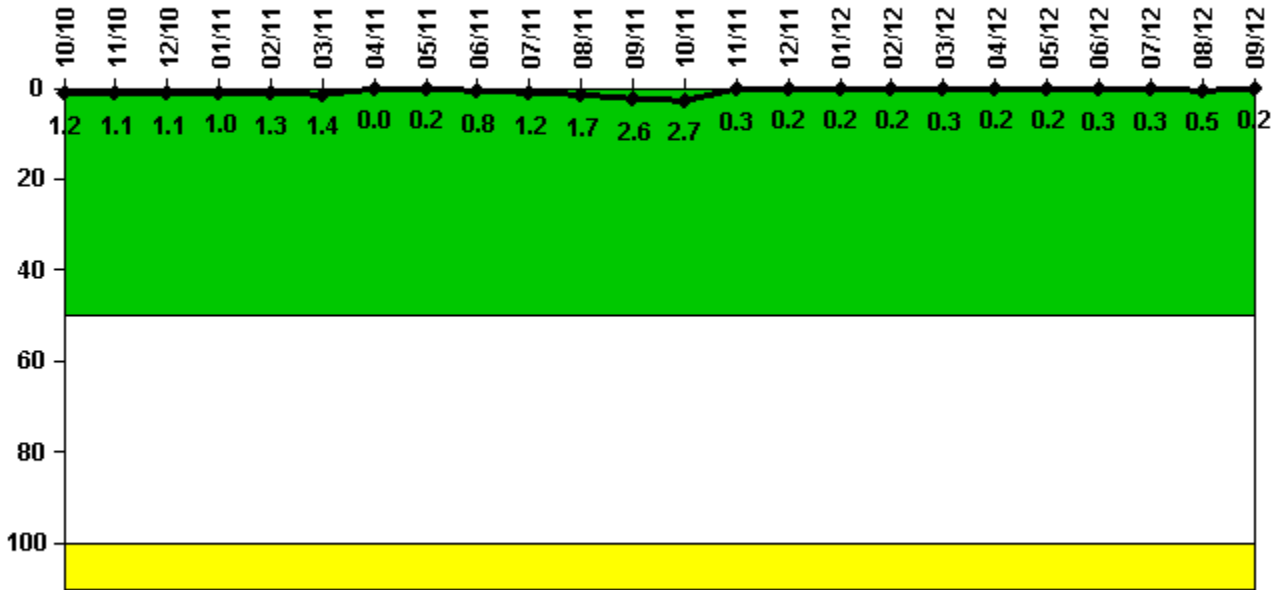
Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106	N/A	0.000033	0.000065	0.000054	0.000067	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



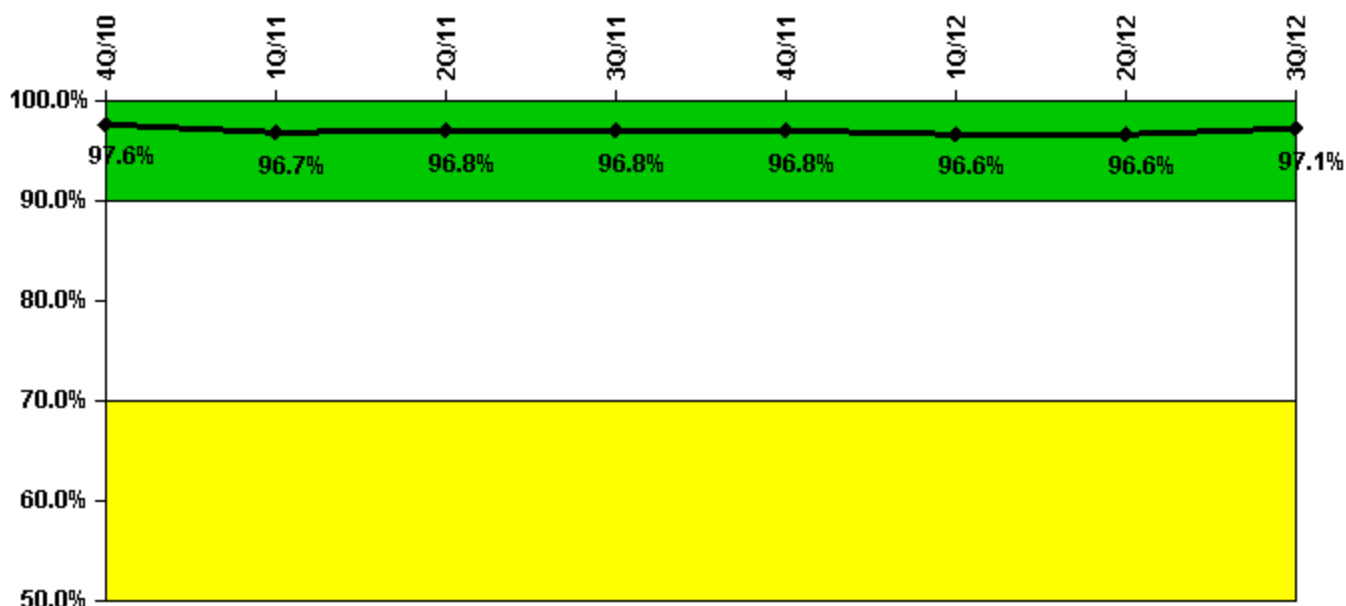
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.119	0.107	0.113	0.097	0.133	0.144	0	0.021	0.083	0.124	0.168	0.258
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.1	1.1	1.0	1.3	1.4	0	0.2	0.8	1.2	1.7	2.6
Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.272	0.029	0.024	0.024	0.024	0.027	0.022	0.024	0.025	0.028	0.047	0.021
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.7	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.5	0.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

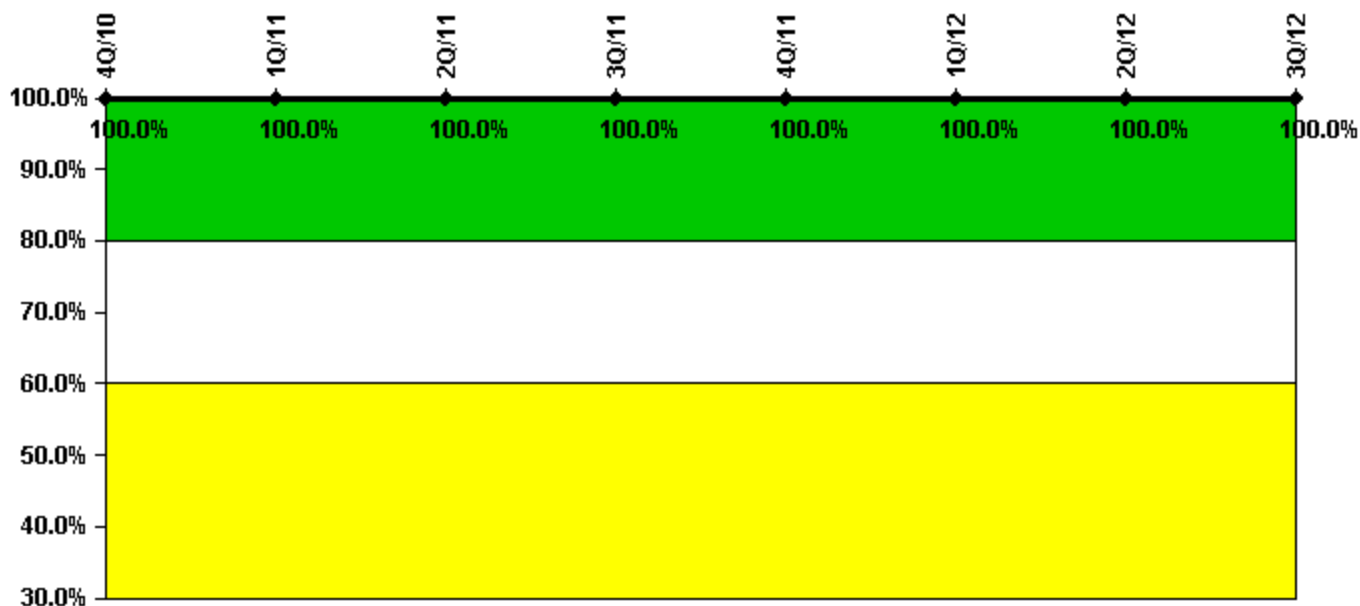
Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	21.0	55.0	21.0	26.0	57.0	41.0	29.0	22.0
Total opportunities	21.0	58.0	21.0	27.0	58.0	42.0	31.0	22.0
Indicator value	97.6%	96.7%	96.8%	96.8%	96.8%	96.6%	96.6%	97.1%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



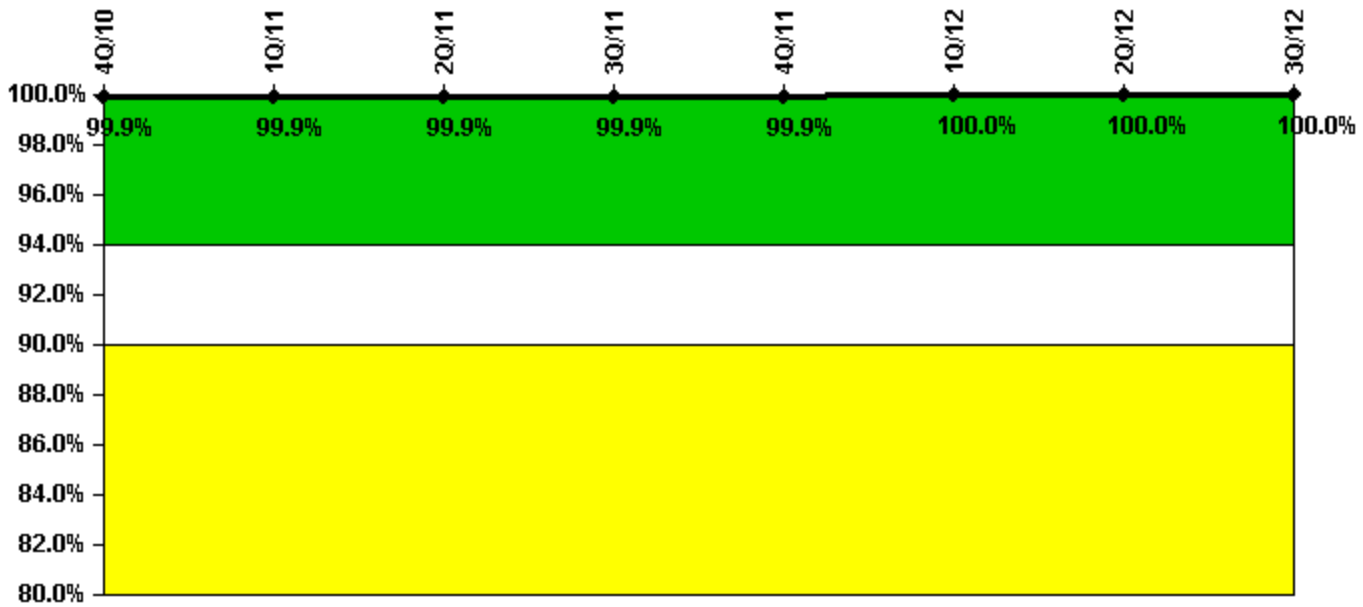
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	85.0	86.0	89.0	89.0	87.0	95.0	94.0	94.0
Total Key personnel	85.0	86.0	89.0	89.0	87.0	95.0	94.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



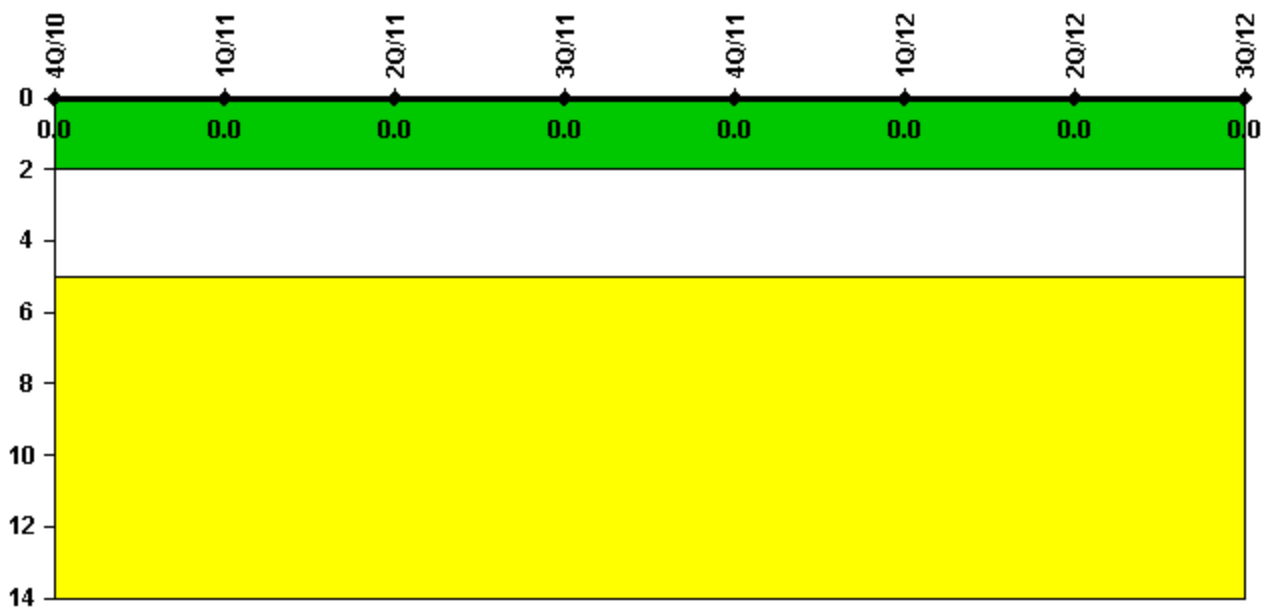
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	726	845	726	847	846	726	847	726
Total sirens-tests	726	847	726	847	847	726	847	726
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



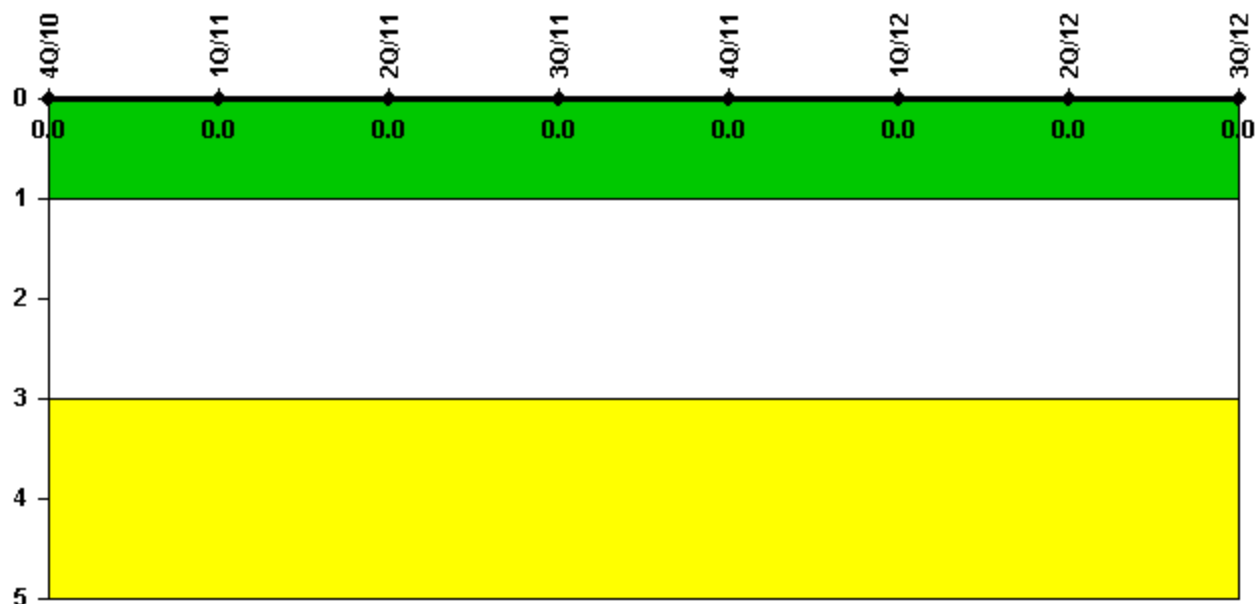
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

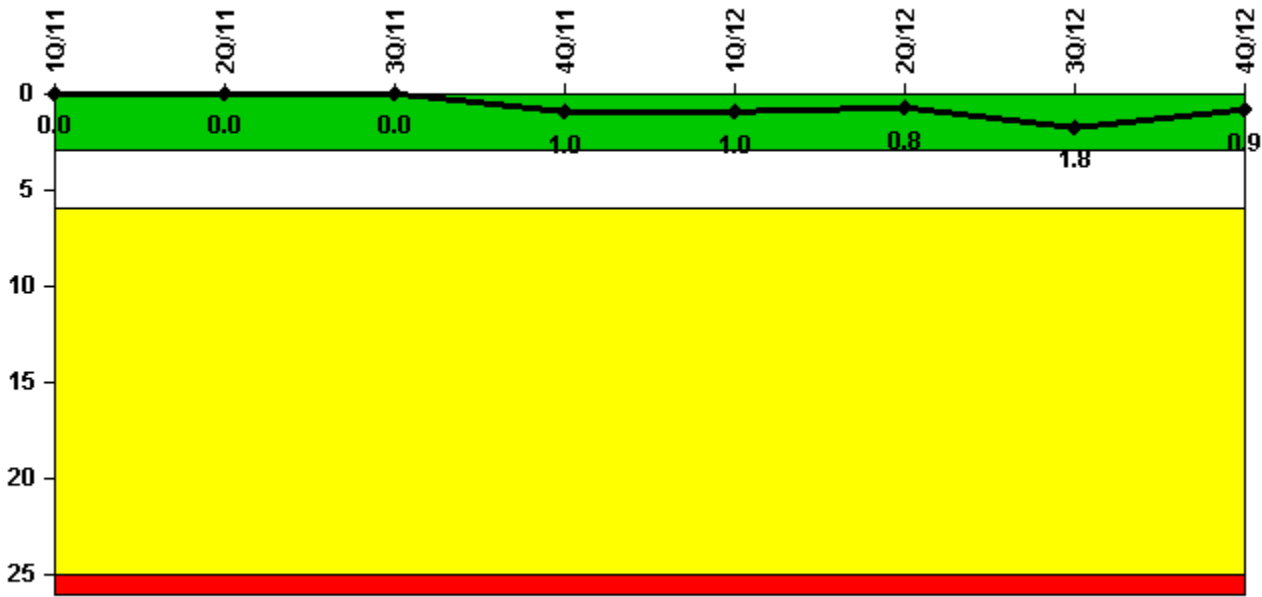
Last Modified: October 24, 2012

Seabrook 1

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



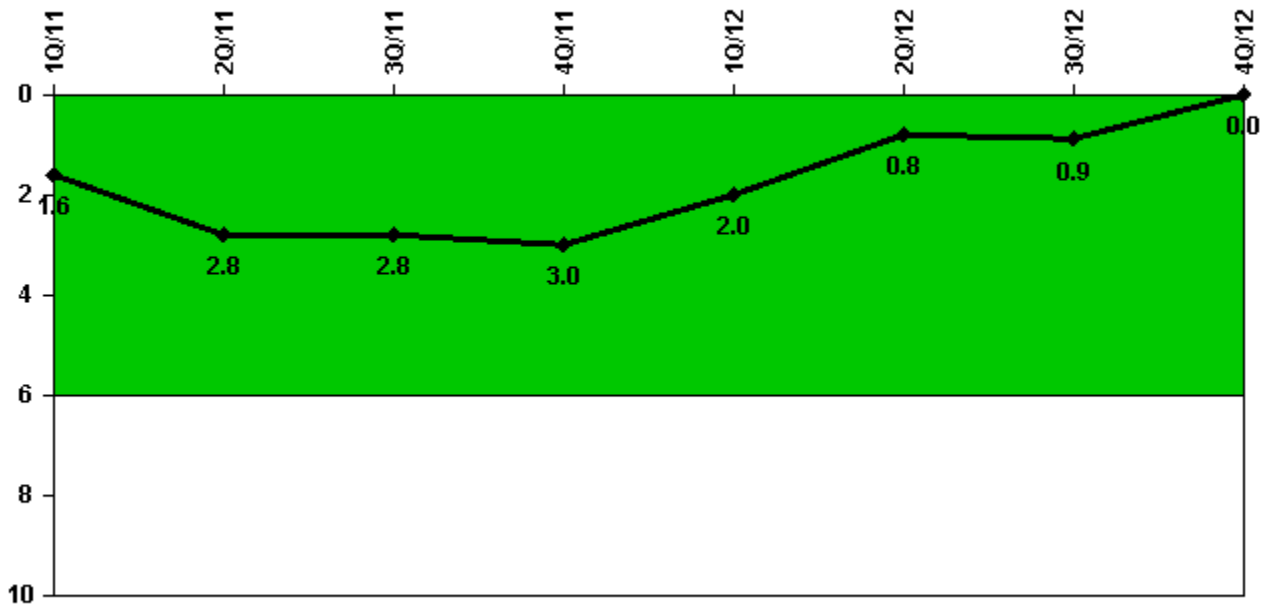
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	1.0	0	0	1.0	0
Critical hours	2159.0	934.4	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9
Indicator value	0	0	0	1.0	1.0	0.8	1.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



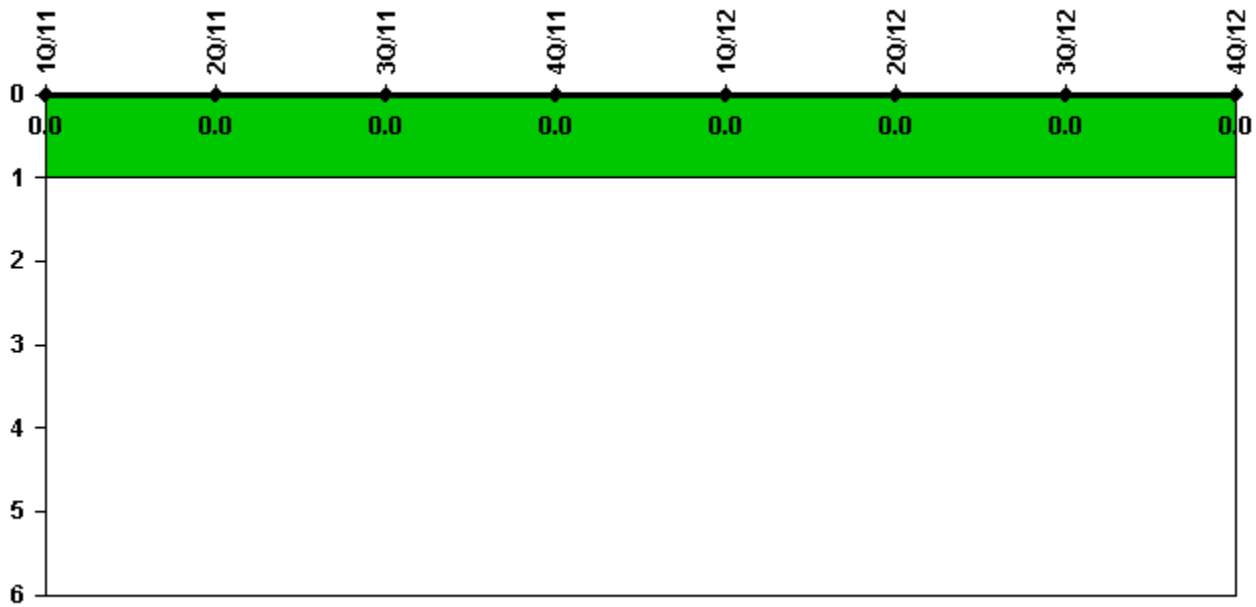
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	1.0	1.0	0	1.0	0	0	0	0
Critical hours	2159.0	934.4	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9
Indicator value	1.6	2.8	2.8	3.0	2.0	0.8	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



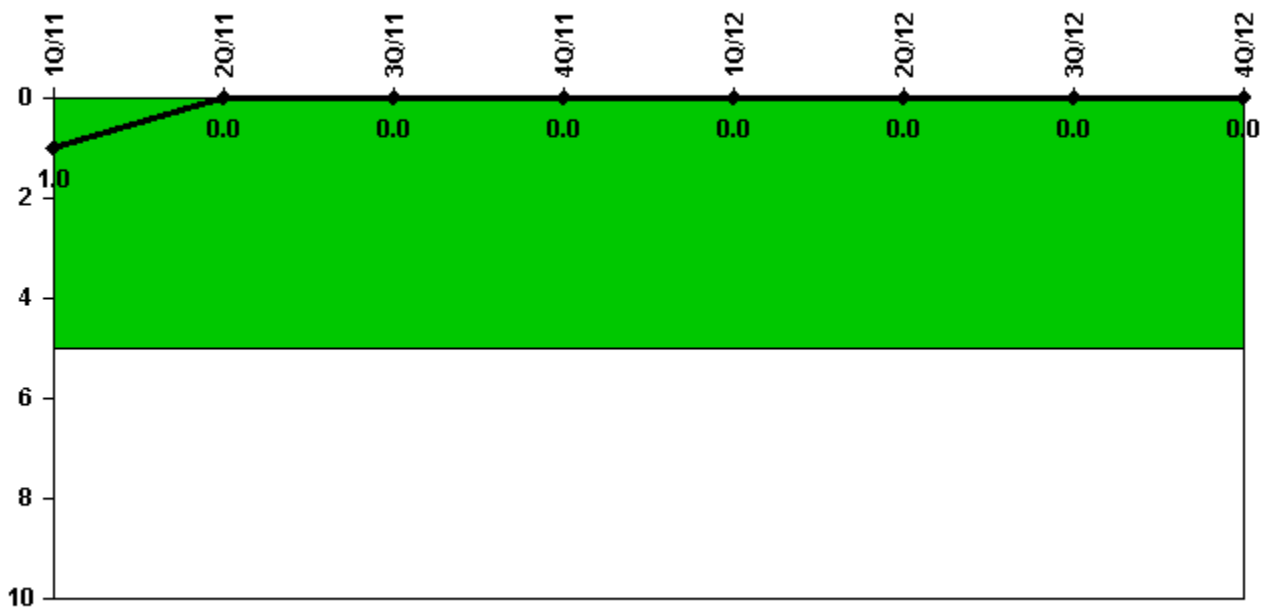
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



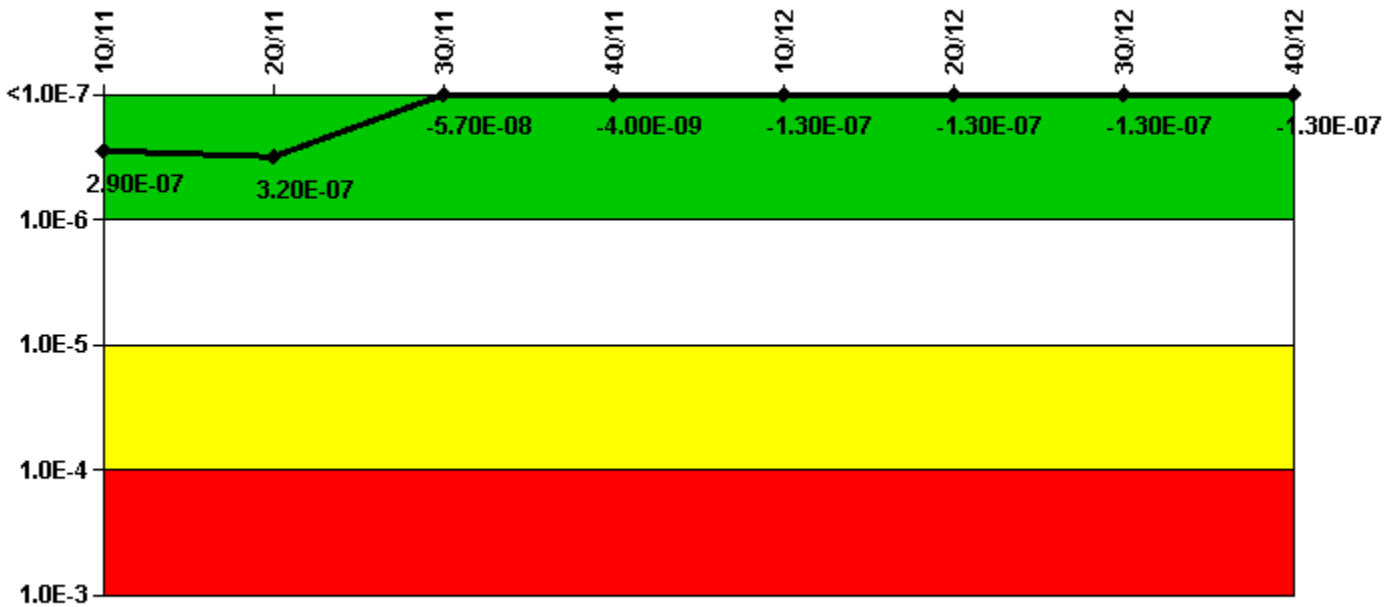
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	2.47E-09	3.11E-09	-3.28E-09	-1.78E-09	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (ΔCDF)	2.90E-07	3.21E-07	-5.37E-08	-2.24E-09	-9.82E-08	-9.77E-08	-9.83E-08	-9.72E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	3.20E-07	-5.70E-08	-4.00E-09	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

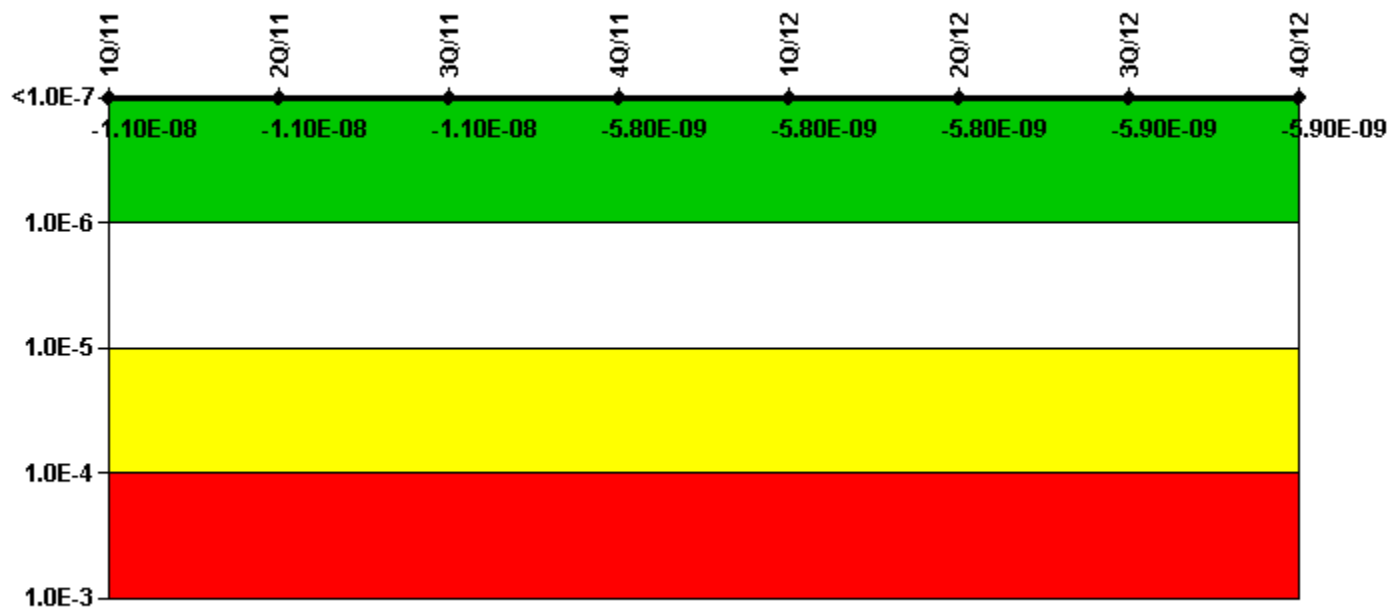
2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model

update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

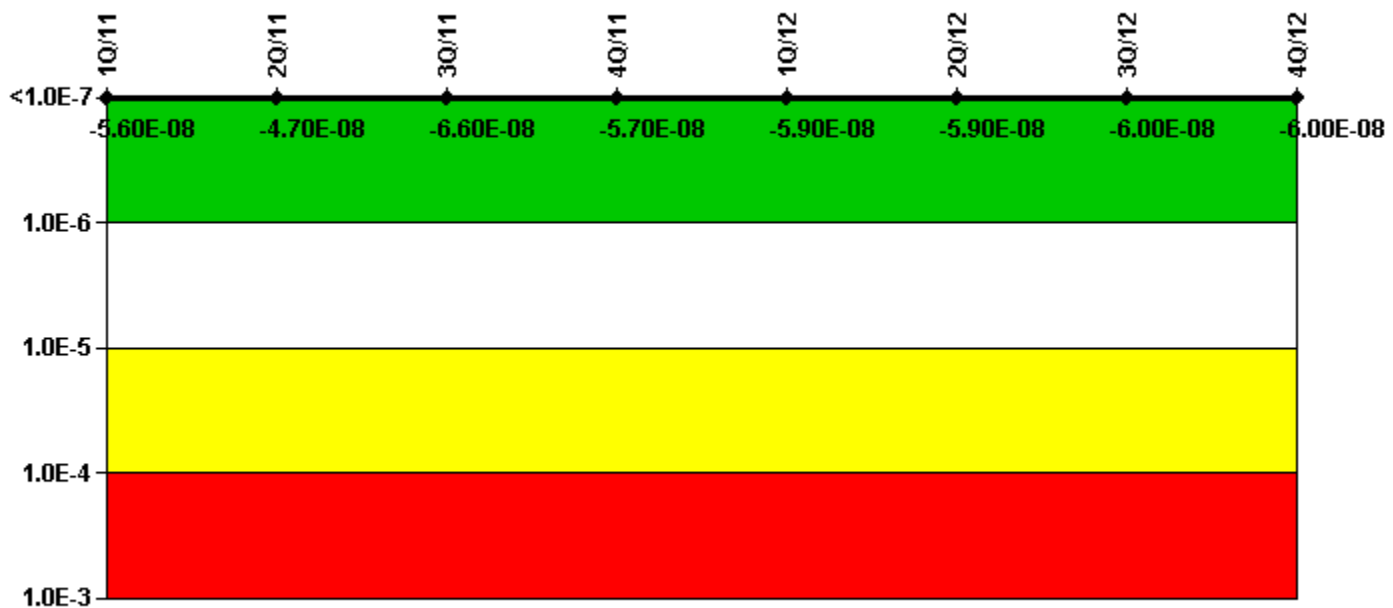
Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-6.68E-09	-6.91E-09	-7.10E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (ΔCDF)	-3.84E-09	-4.15E-09	-4.14E-09	-2.69E-09	-2.68E-09	-2.68E-09	-2.81E-09	-2.79E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-08	-1.10E-08	-1.10E-08	-5.80E-09	-5.80E-09	-5.80E-09	-5.90E-09	-5.90E-09

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

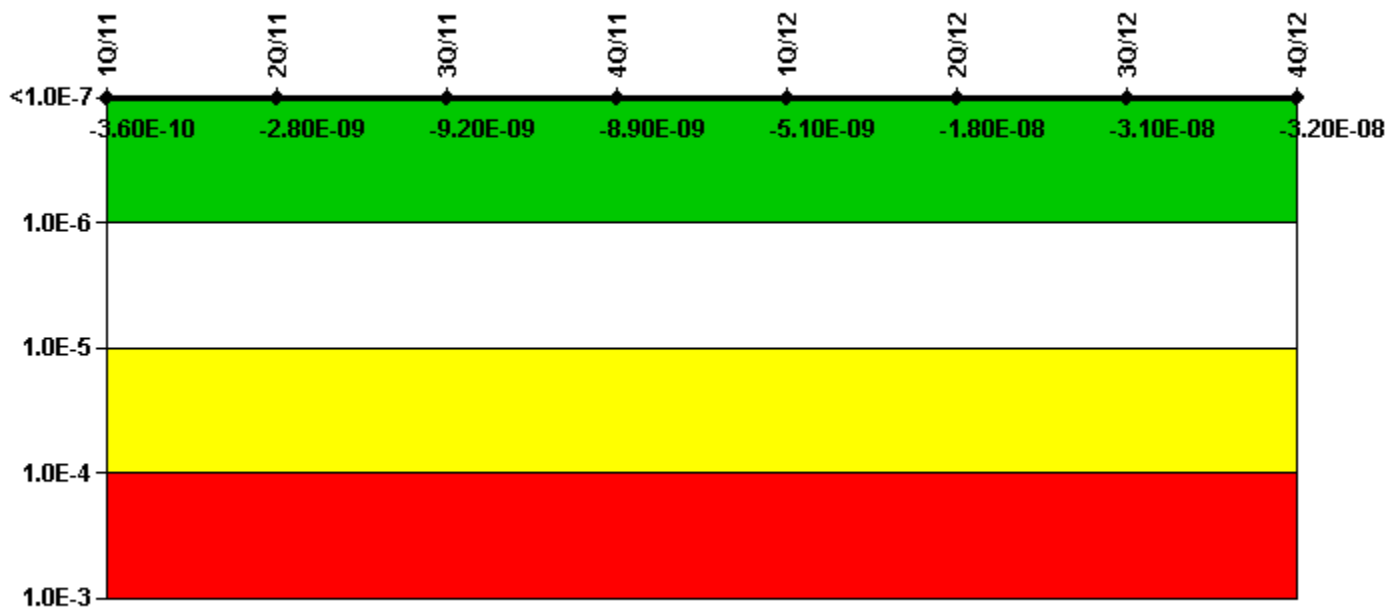
Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.05E-08	-3.73E-09	-2.24E-08	-1.86E-08	-2.01E-08	-2.02E-08	-1.98E-08	-2.02E-08
URI (Δ CDF)	-4.53E-08	-4.33E-08	-4.32E-08	-3.89E-08	-3.88E-08	-3.88E-08	-4.01E-08	-3.99E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-08	-4.70E-08	-6.60E-08	-5.70E-08	-5.90E-08	-5.90E-08	-6.00E-08	-6.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

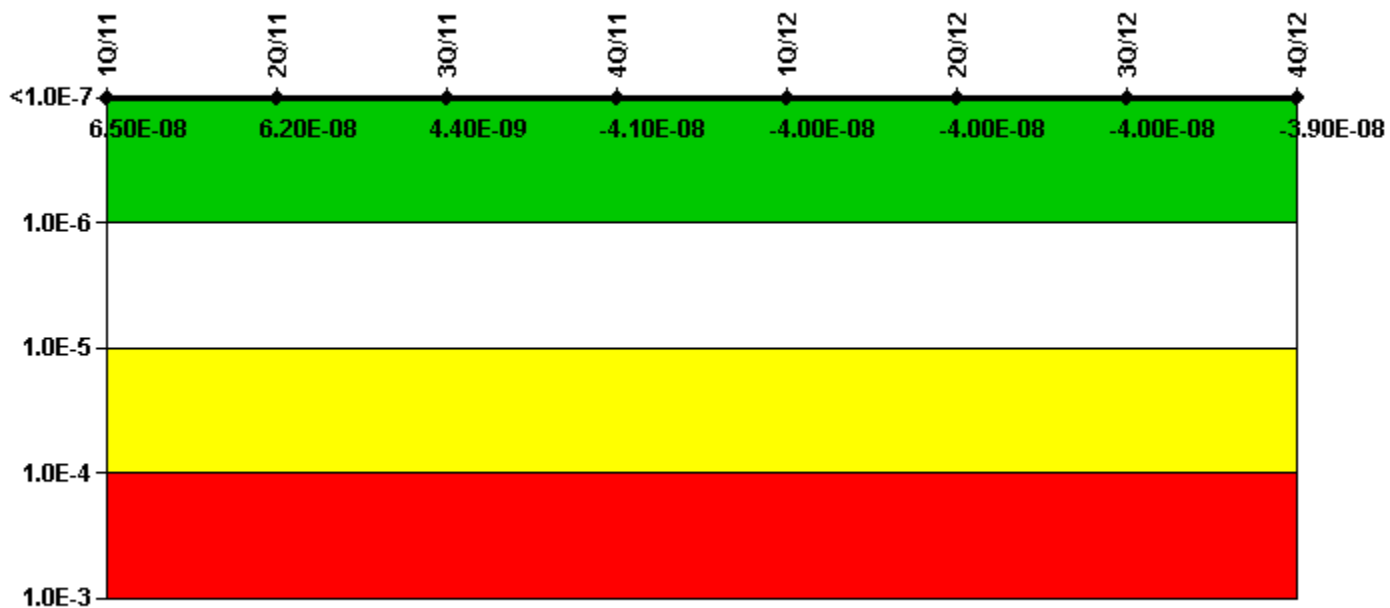
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.83E-08	2.90E-08	2.27E-08	1.89E-08	2.27E-08	9.98E-09	-1.80E-09	-3.09E-09
URI (Δ CDF)	-2.86E-08	-3.17E-08	-3.19E-08	-2.78E-08	-2.78E-08	-2.78E-08	-2.93E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.60E-10	-2.80E-09	-9.20E-09	-8.90E-09	-5.10E-09	-1.80E-08	-3.10E-08	-3.20E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

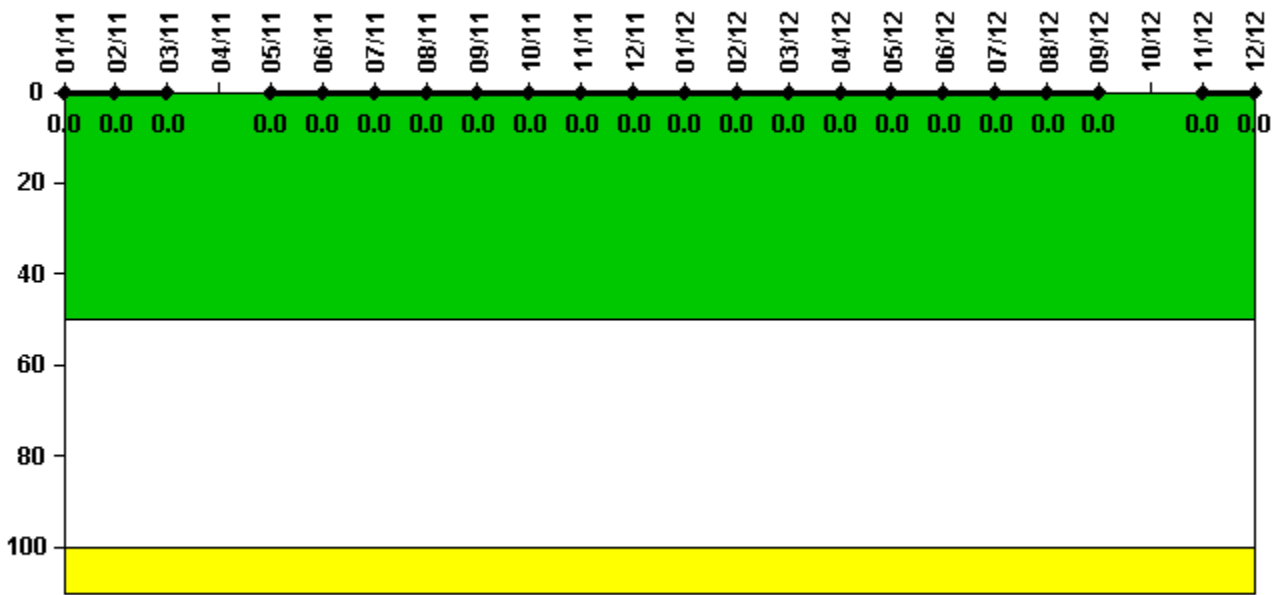
Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	4.19E-10	4.25E-10	4.25E-10	3.54E-10	3.54E-10	3.54E-10	3.60E-10	3.52E-10
URI (Δ CDF)	6.48E-08	6.17E-08	3.95E-09	-4.09E-08	-4.05E-08	-4.03E-08	-4.04E-08	-3.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.50E-08	6.20E-08	4.40E-09	-4.10E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000093	0.000097	0.000106	N/A	0.000033	0.000065	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

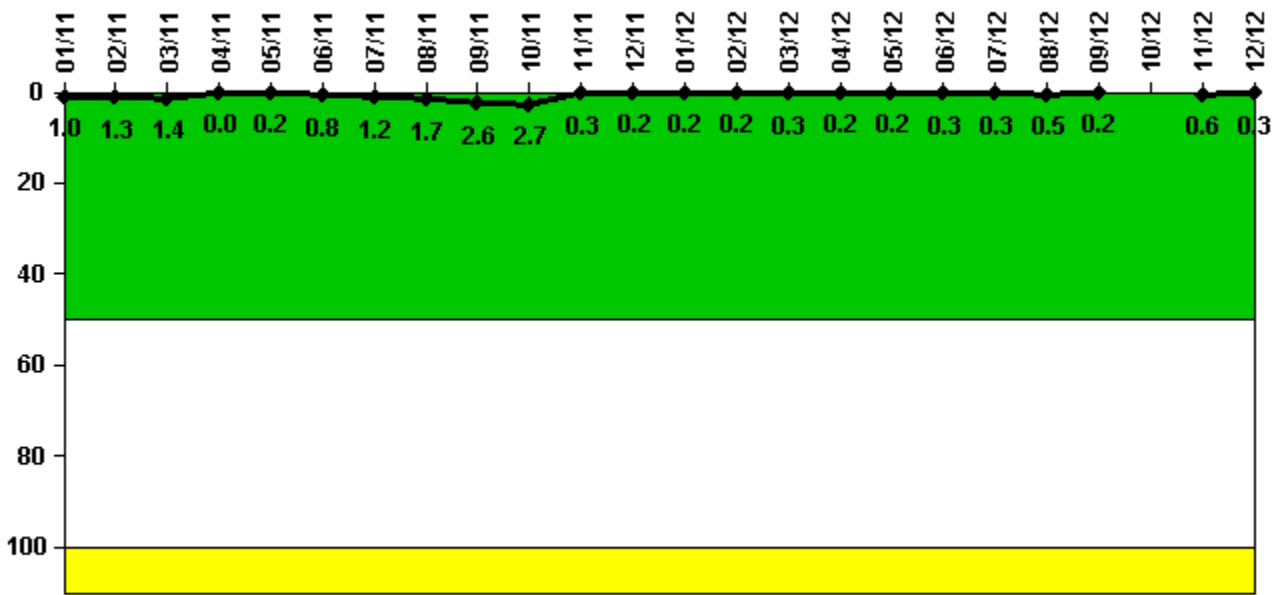
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059	N/A	0.000039	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

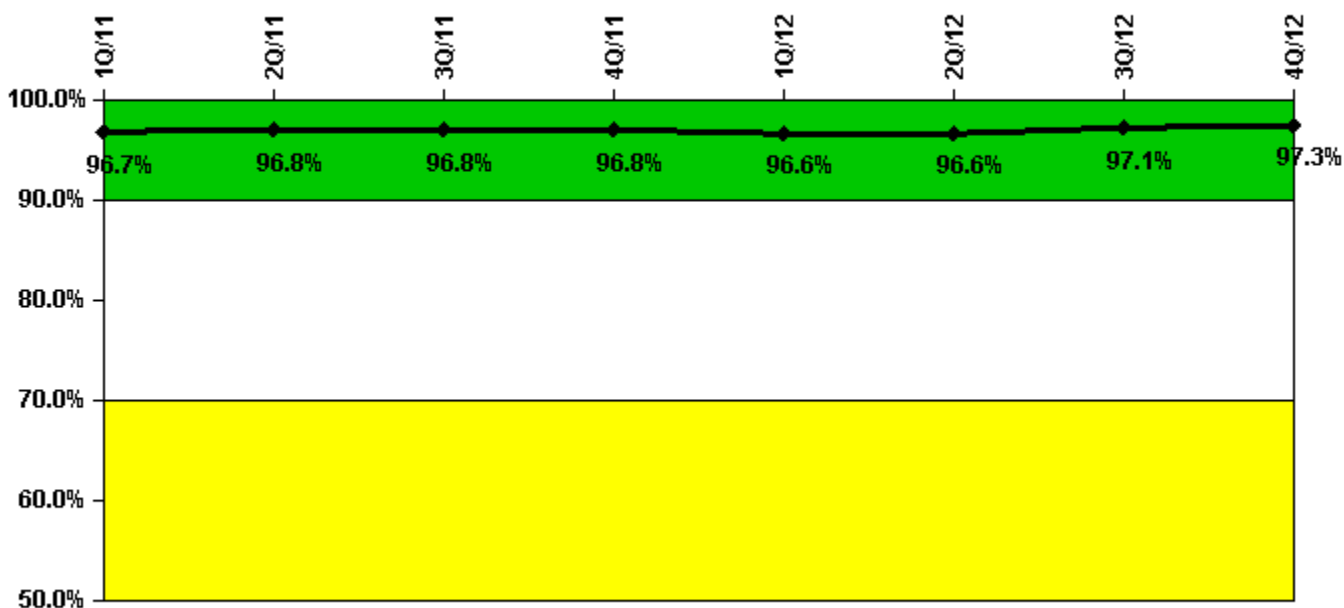
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.097	0.133	0.144	0	0.021	0.083	0.124	0.168	0.258	0.272	0.029	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.3	1.4	0	0.2	0.8	1.2	1.7	2.6	2.7	0.3	0.2

Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	0.024	0.024	0.027	0.022	0.024	0.025	0.028	0.047	0.021	N/A	0.056	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.5	0.2	N/A	0.6	0.3

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

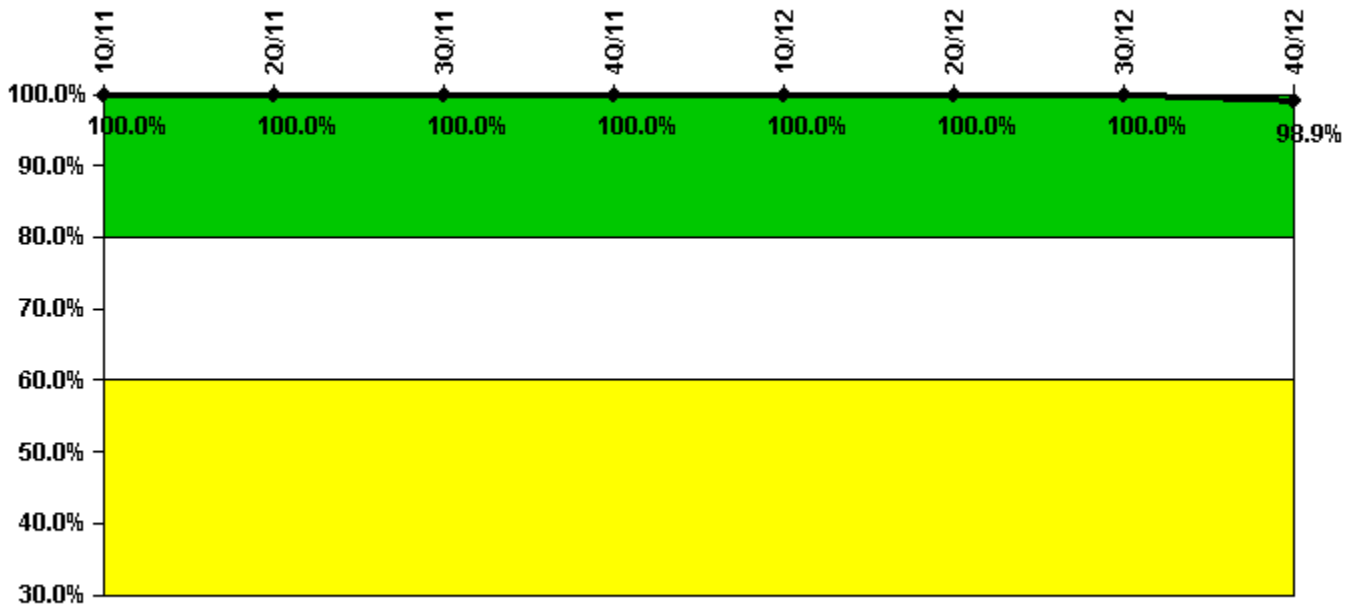
Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	55.0	21.0	26.0	57.0	41.0	29.0	22.0	36.0
Total opportunities	58.0	21.0	27.0	58.0	42.0	31.0	22.0	36.0
Indicator value	96.7%	96.8%	96.8%	96.8%	96.6%	96.6%	97.1%	97.3%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



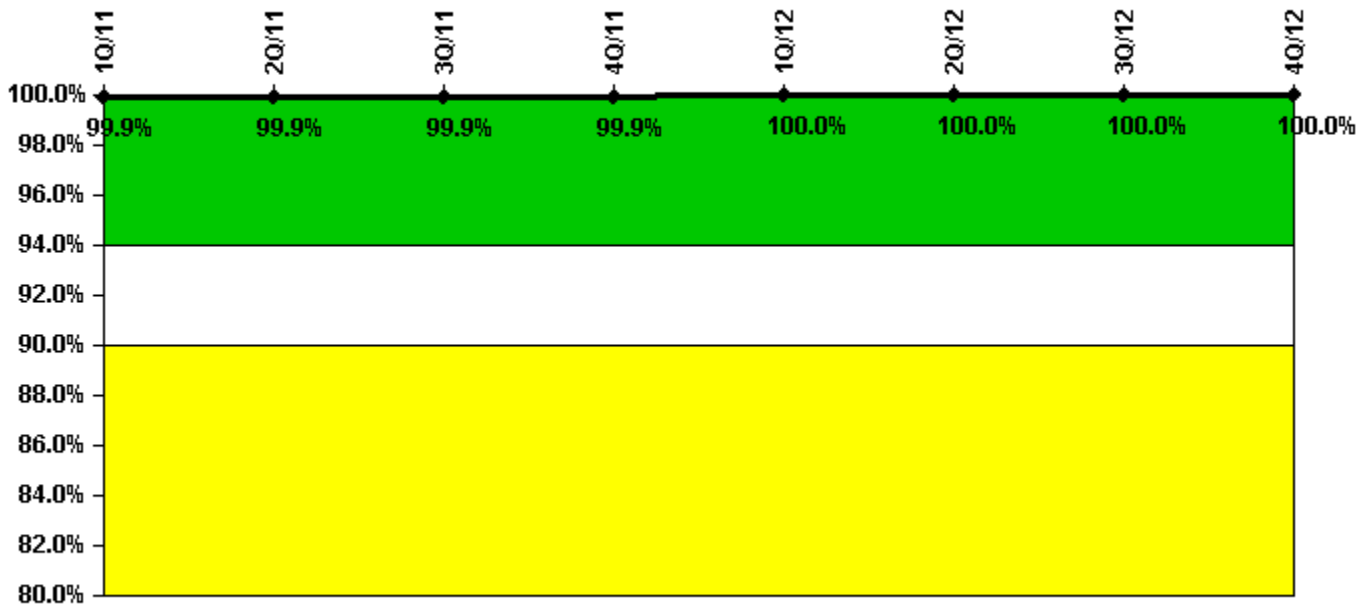
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	86.0	89.0	89.0	87.0	95.0	94.0	94.0	89.0
Total Key personnel	86.0	89.0	89.0	87.0	95.0	94.0	94.0	90.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%

Licensee Comments: none

Alert & Notification System



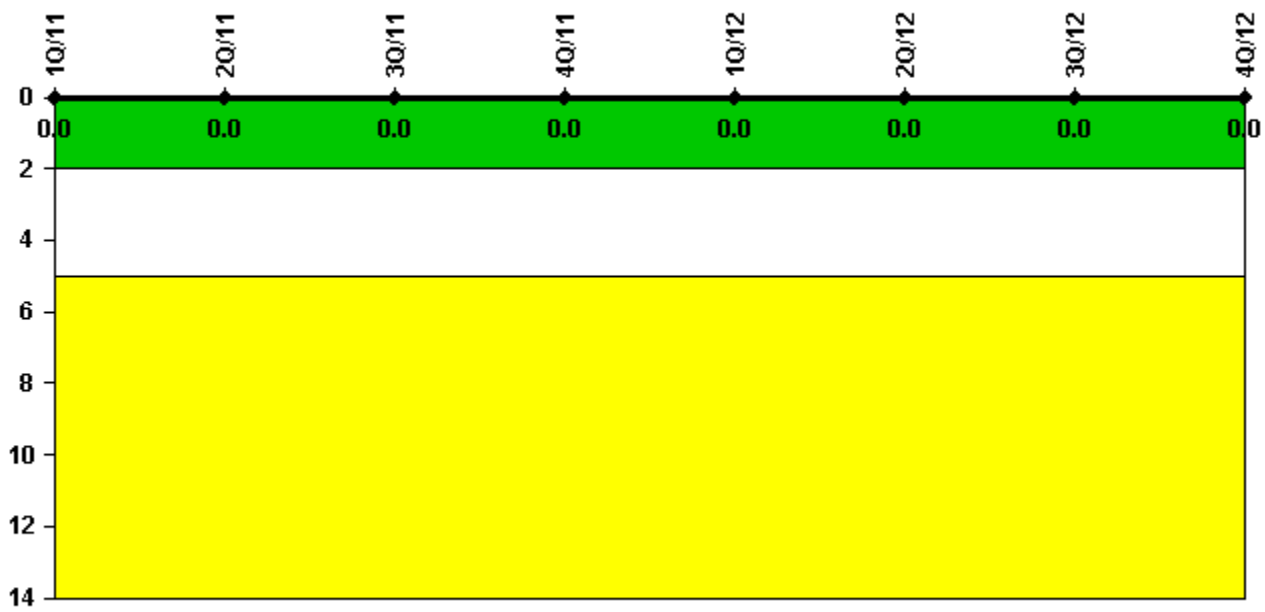
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	845	726	847	846	726	847	726	846
Total sirens-tests	847	726	847	847	726	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



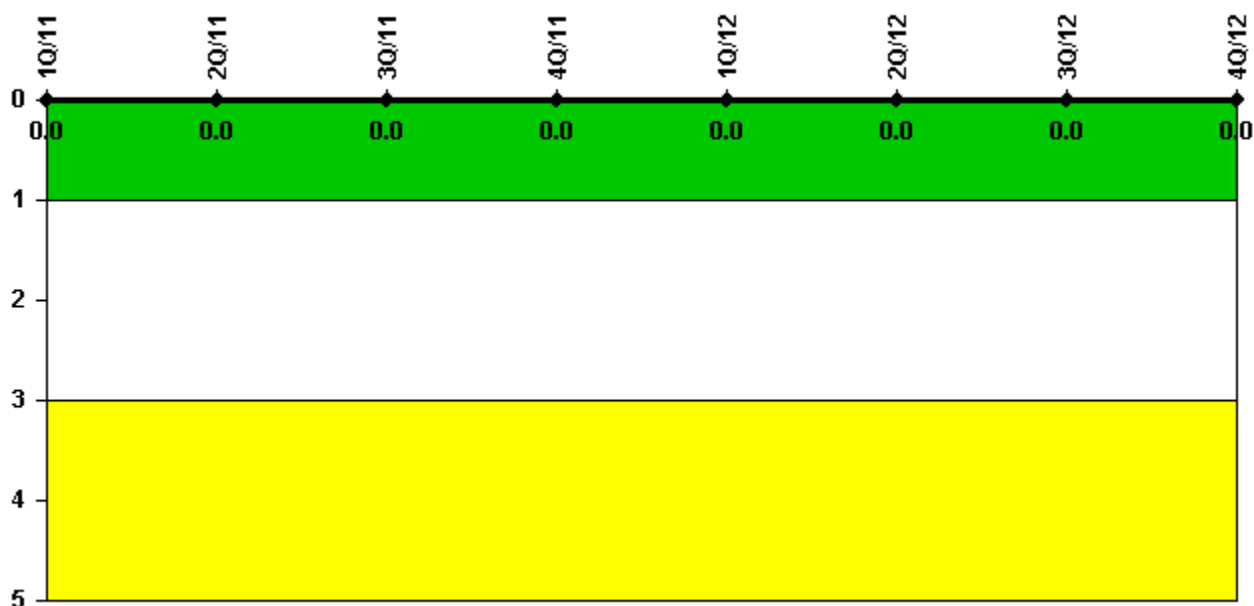
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

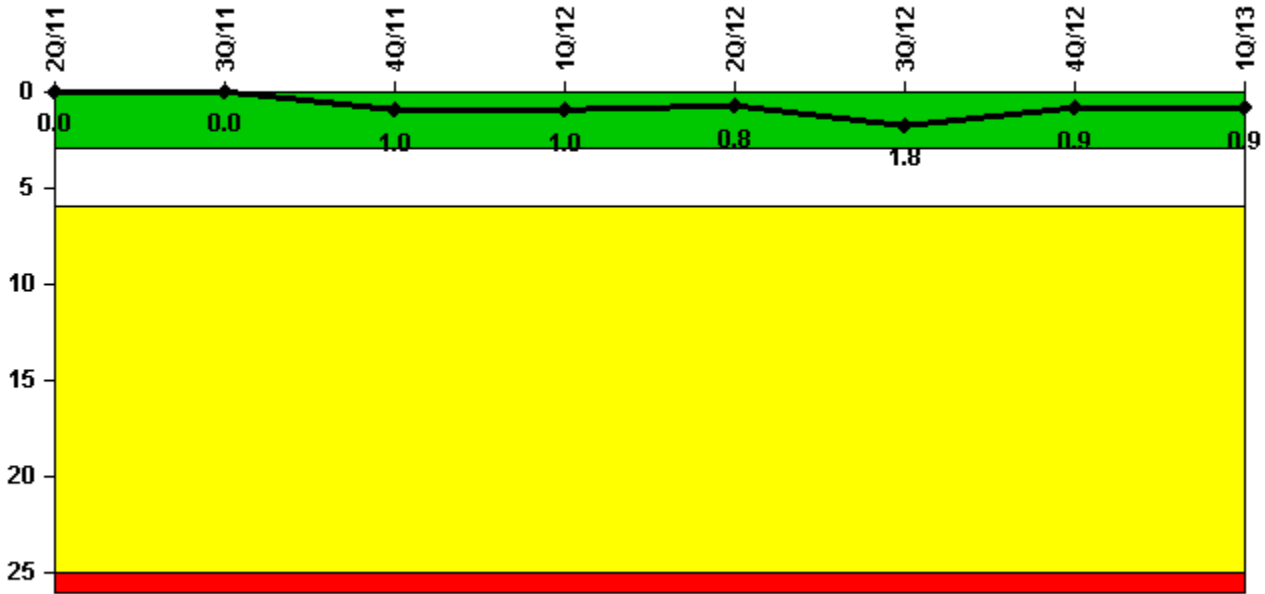
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Seabrook 1

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



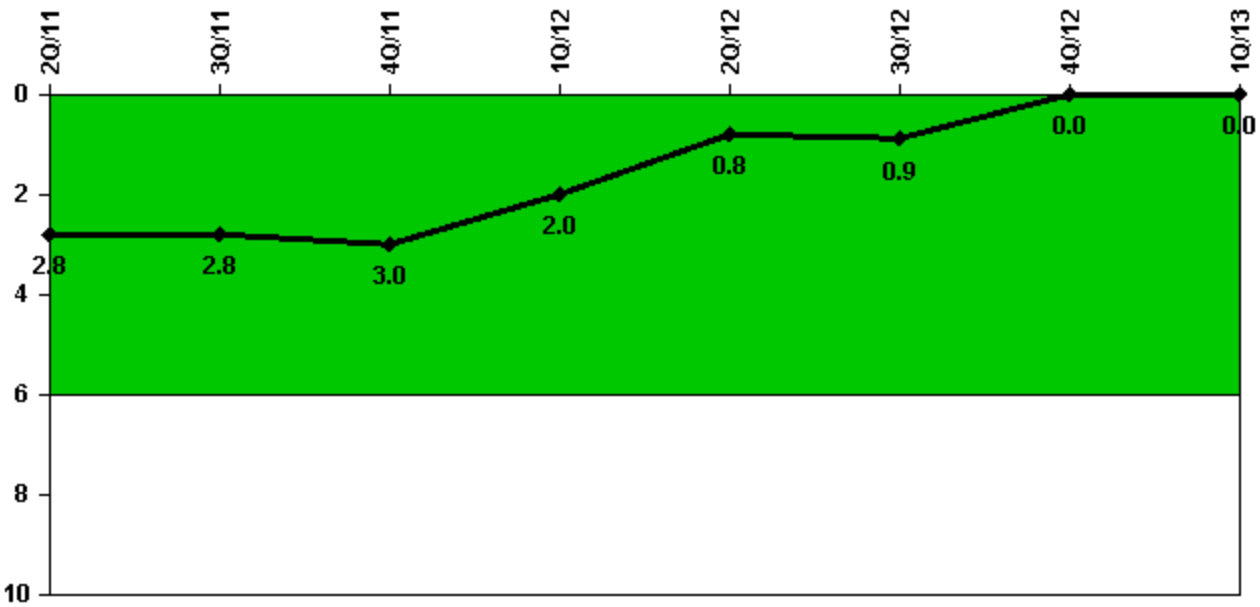
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	934.4	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0
Indicator value	0	0	1.0	1.0	0.8	1.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



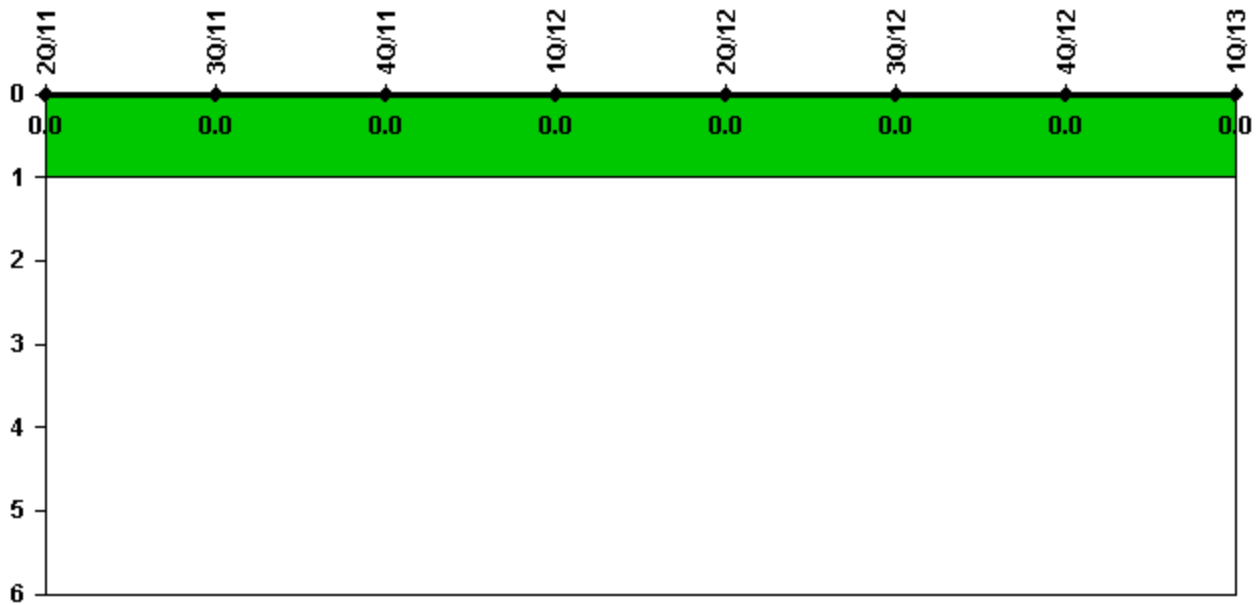
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	934.4	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0
Indicator value	2.8	2.8	3.0	2.0	0.8	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



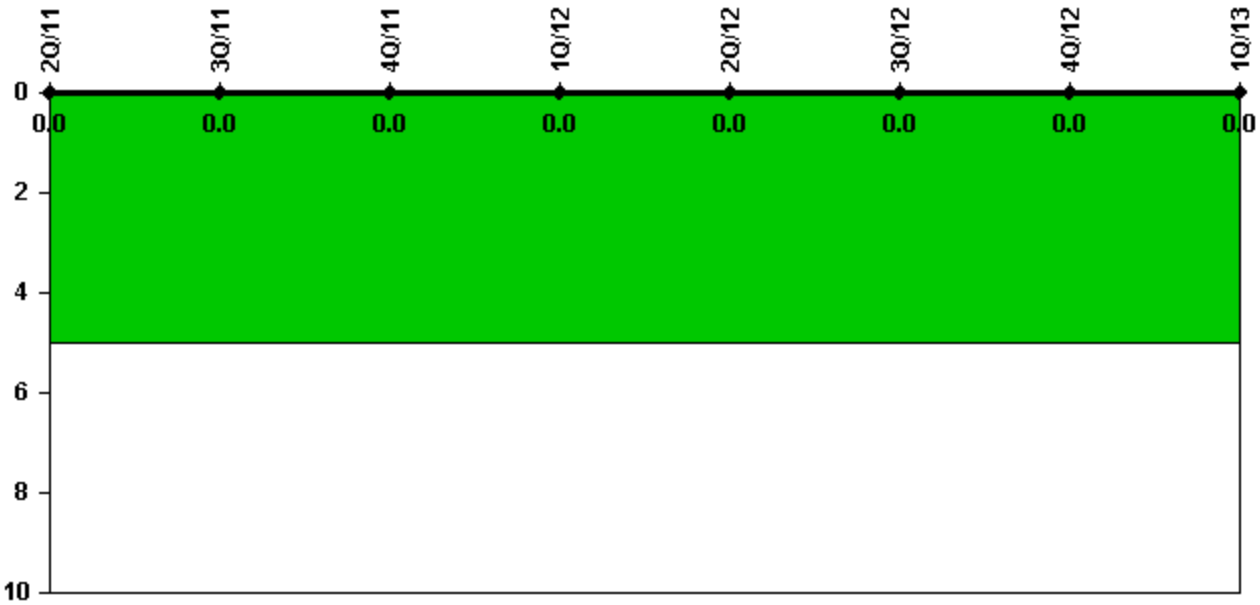
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



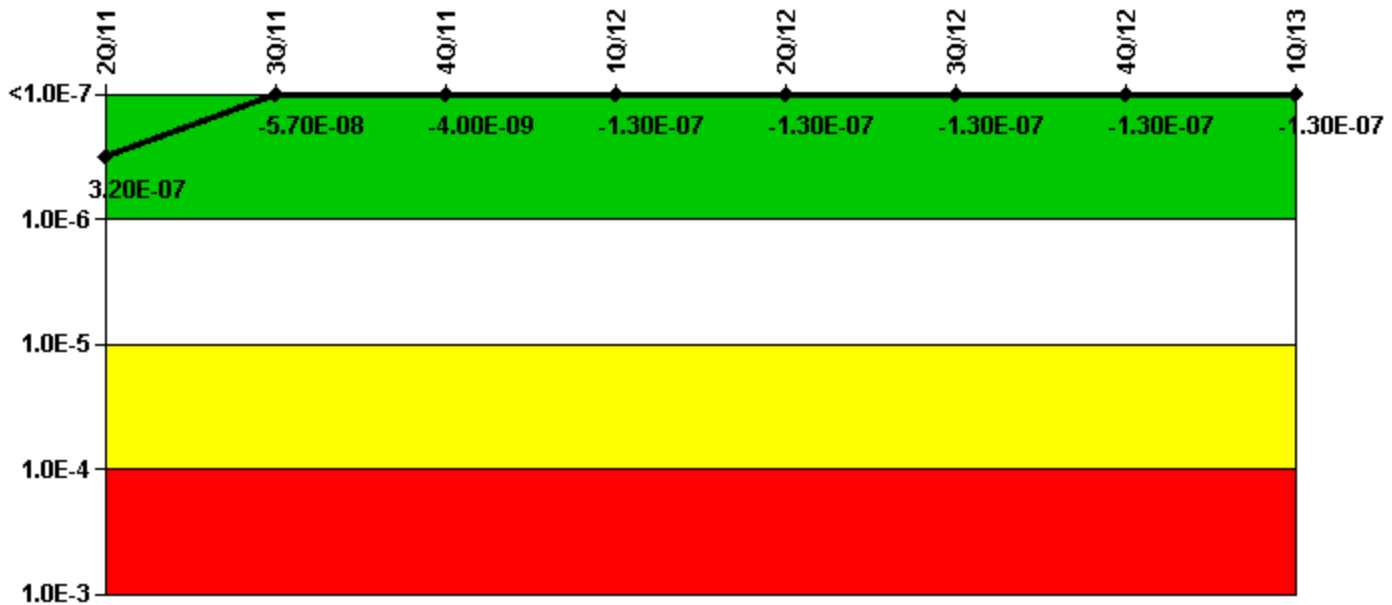
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	3.11E-09	-3.28E-09	-1.78E-09	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (ΔCDF)	3.21E-07	-5.37E-08	-2.24E-09	-9.82E-08	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.20E-07	-5.70E-08	-4.00E-09	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

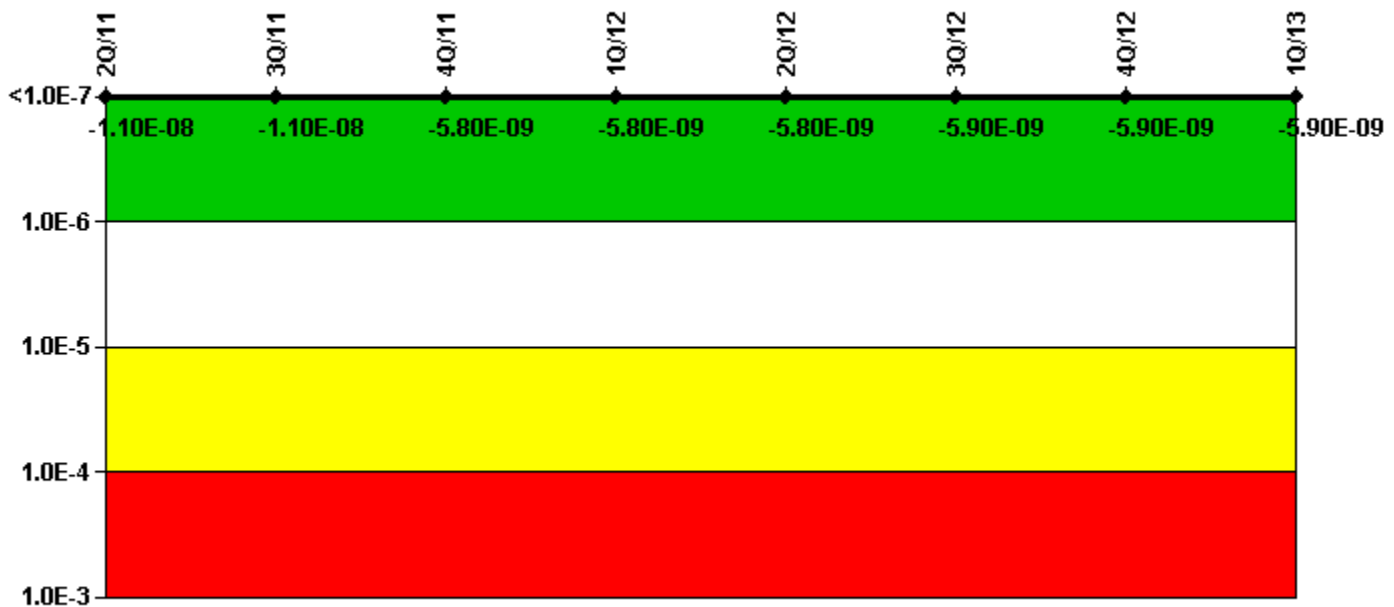
2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification

requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-6.91E-09	-7.10E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-4.15E-09	-4.14E-09	-2.69E-09	-2.68E-09	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-08	-1.10E-08	-5.80E-09	-5.80E-09	-5.80E-09	-5.90E-09	-5.90E-09	-5.90E-09

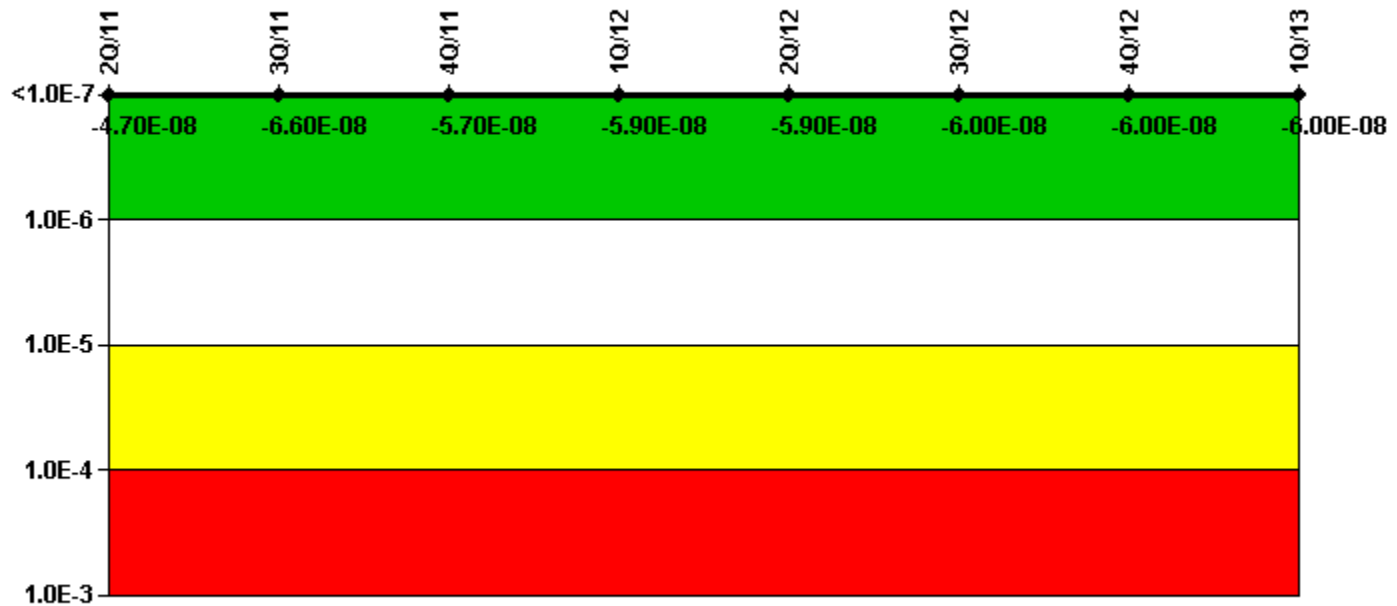
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective

in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

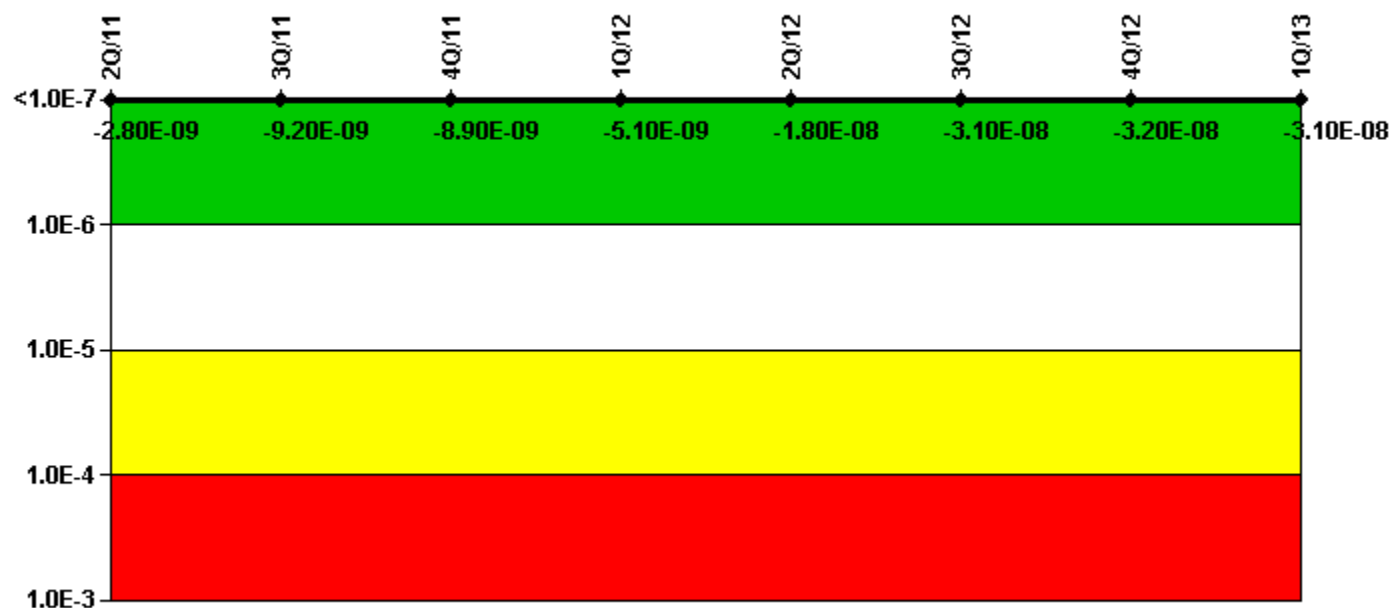
Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-3.73E-09	-2.24E-08	-1.86E-08	-2.01E-08	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-4.33E-08	-4.32E-08	-3.89E-08	-3.88E-08	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-6.60E-08	-5.70E-08	-5.90E-08	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

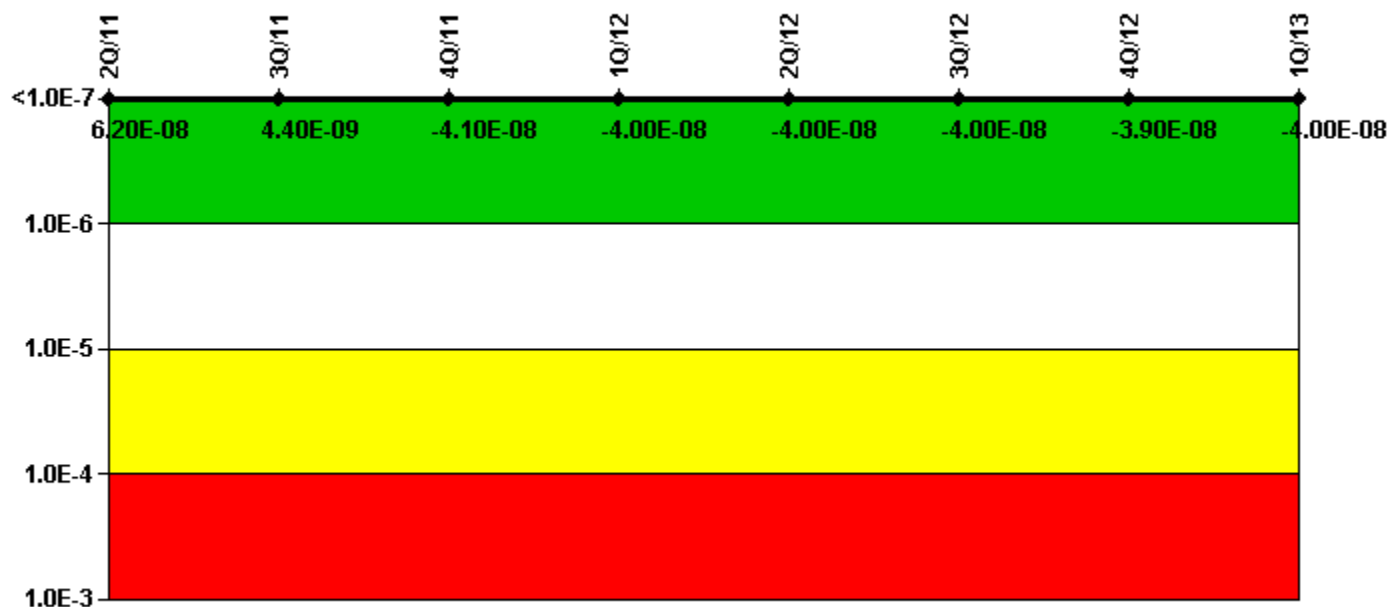
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	2.90E-08	2.27E-08	1.89E-08	2.27E-08	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09
URI (Δ CDF)	-3.17E-08	-3.19E-08	-2.78E-08	-2.78E-08	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-09	-9.20E-09	-8.90E-09	-5.10E-09	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

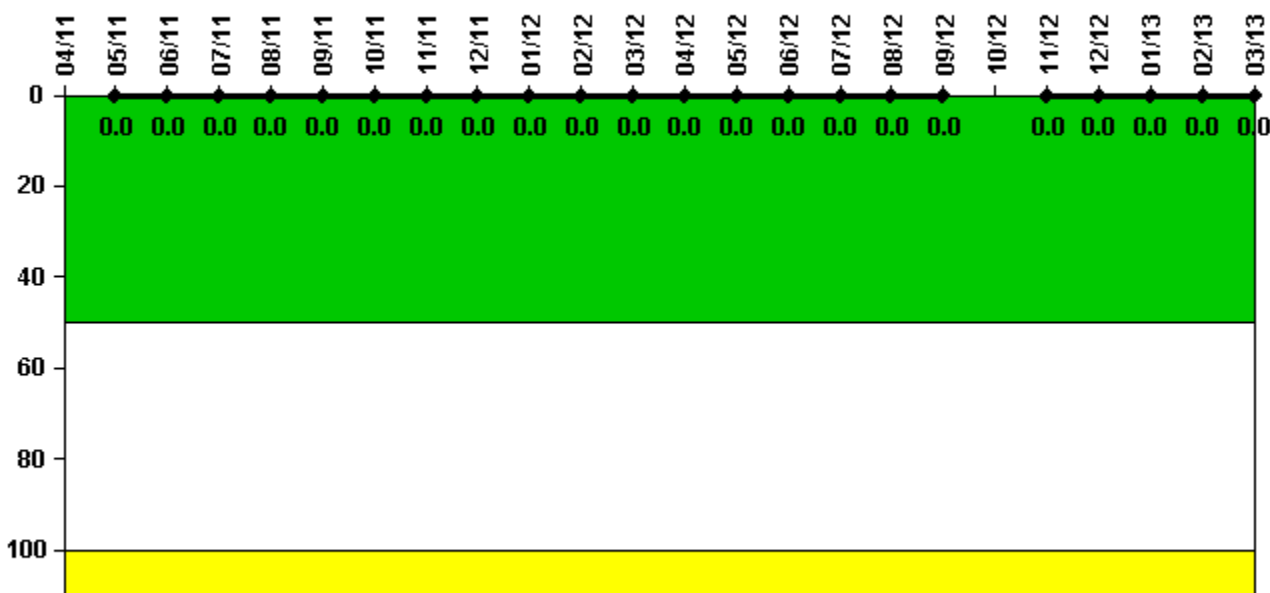
Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	4.25E-10	4.25E-10	3.54E-10	3.54E-10	3.54E-10	3.60E-10	3.52E-10	-1.93E-14
URI (Δ CDF)	6.17E-08	3.95E-09	-4.09E-08	-4.05E-08	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.20E-08	4.40E-09	-4.10E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	N/A	0.000033	0.000065	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

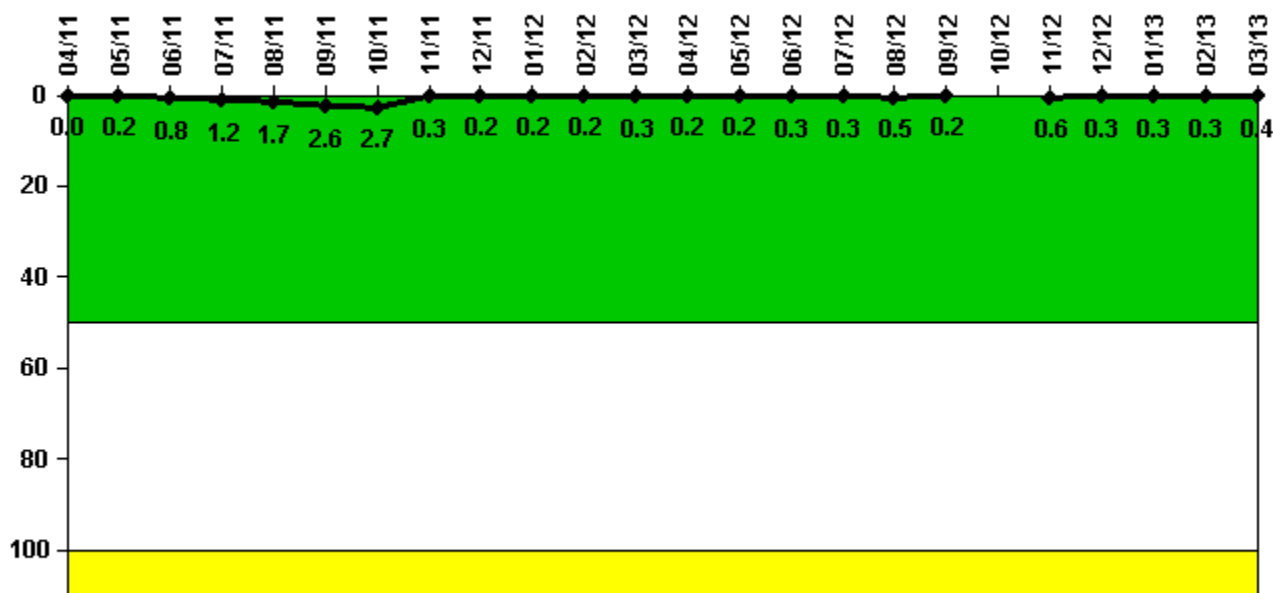
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059	N/A	0.000039	0.000062	0.000045	0.000045	0.000052
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

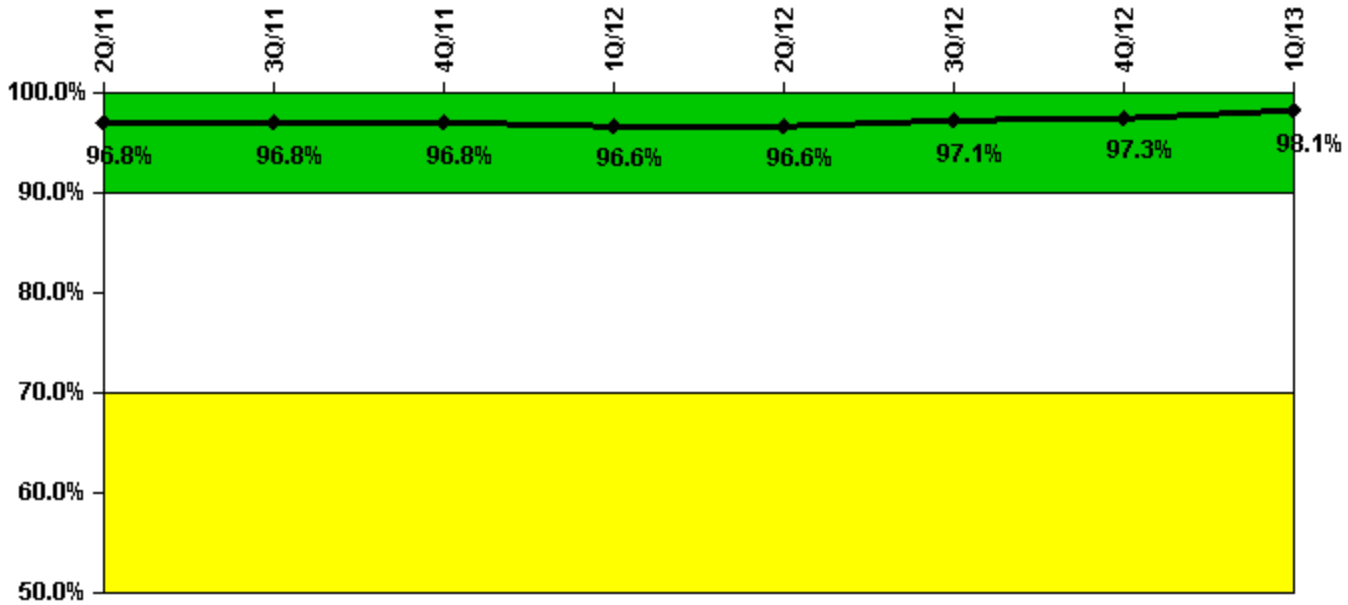
Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0	0.021	0.083	0.124	0.168	0.258	0.272	0.029	0.024	0.024	0.024	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.2	0.8	1.2	1.7	2.6	2.7	0.3	0.2	0.2	0.2	0.3
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.022	0.024	0.025	0.028	0.047	0.021	N/A	0.056	0.029	0.027	0.029	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.3	0.5	0.2	N/A	0.6	0.3	0.3	0.3	0.4

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

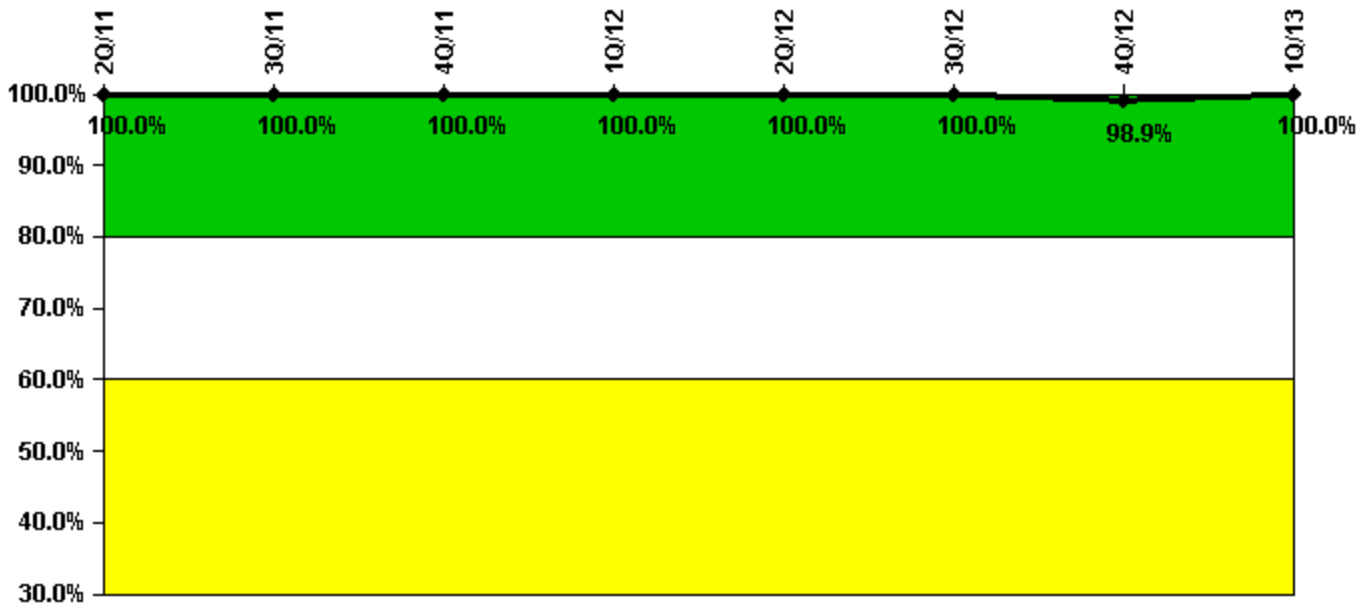
Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	21.0	26.0	57.0	41.0	29.0	22.0	36.0	29.0
Total opportunities	21.0	27.0	58.0	42.0	31.0	22.0	36.0	29.0
Indicator value	96.8%	96.8%	96.8%	96.6%	96.6%	97.1%	97.3%	98.1%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



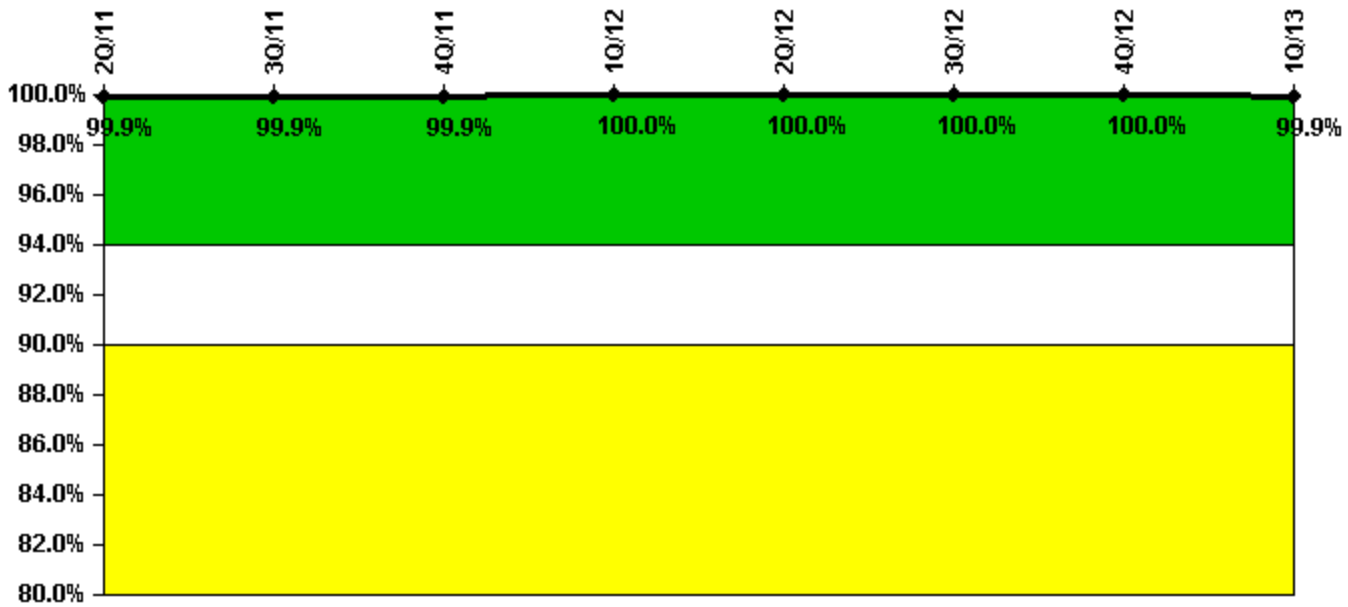
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	89.0	89.0	87.0	95.0	94.0	94.0	89.0	91.0
Total Key personnel	89.0	89.0	87.0	95.0	94.0	94.0	90.0	91.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%	100.0%

Licensee Comments: none

Alert & Notification System



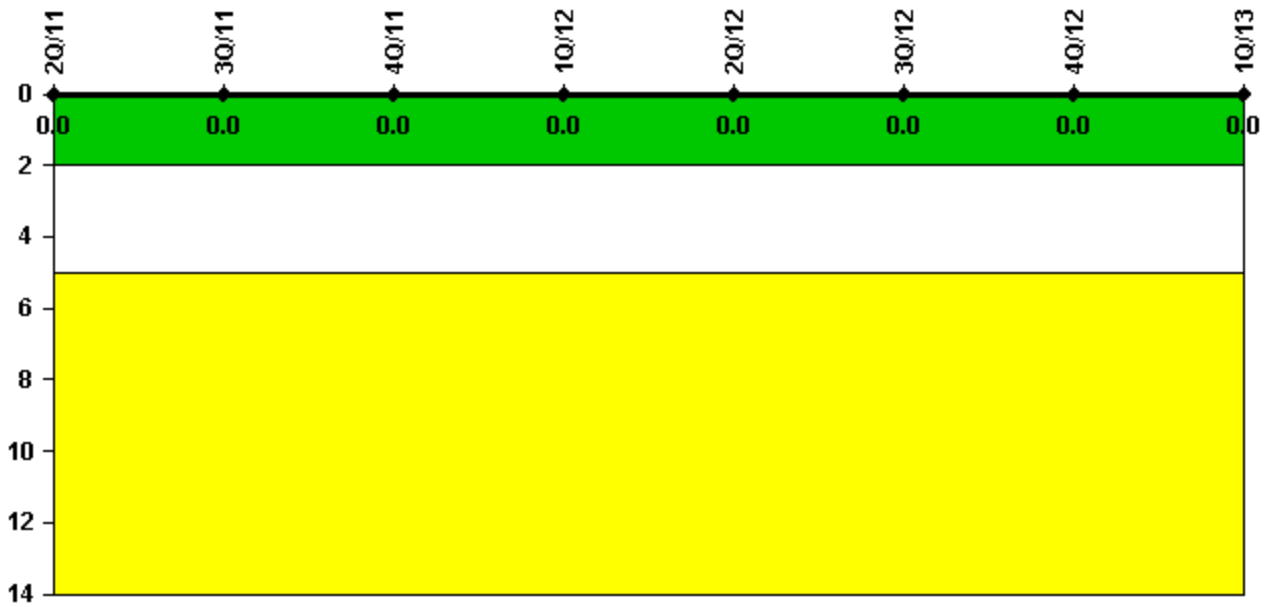
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	726	847	846	726	847	726	846	724
Total sirens-tests	726	847	847	726	847	726	847	726
Indicator value	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



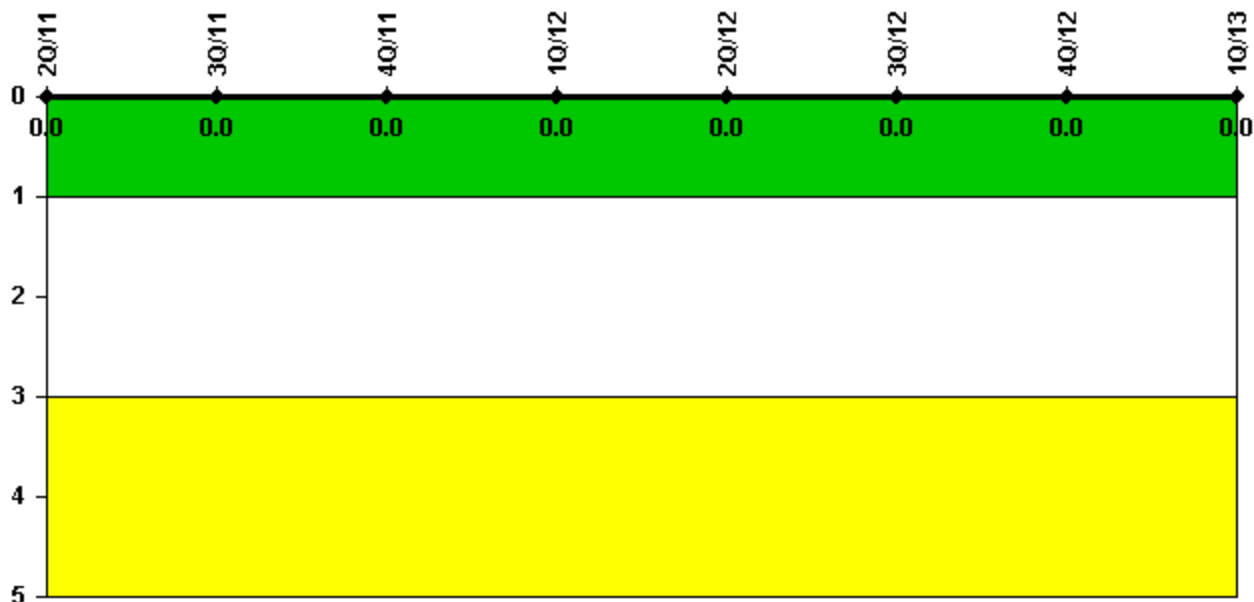
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2013

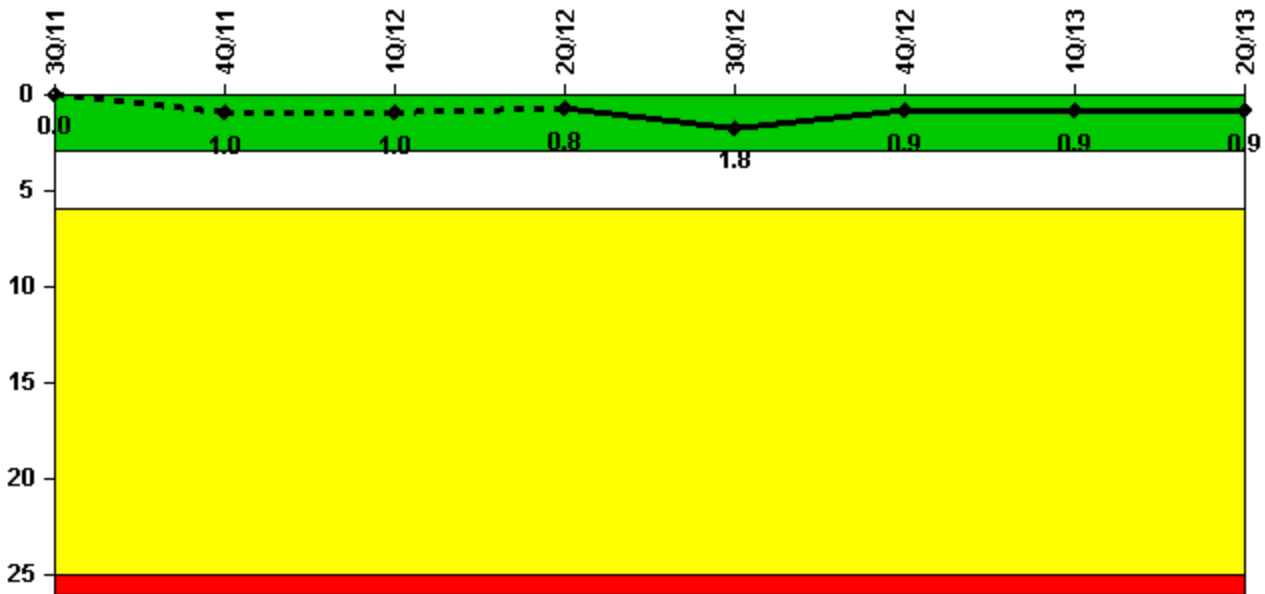
Seabrook 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



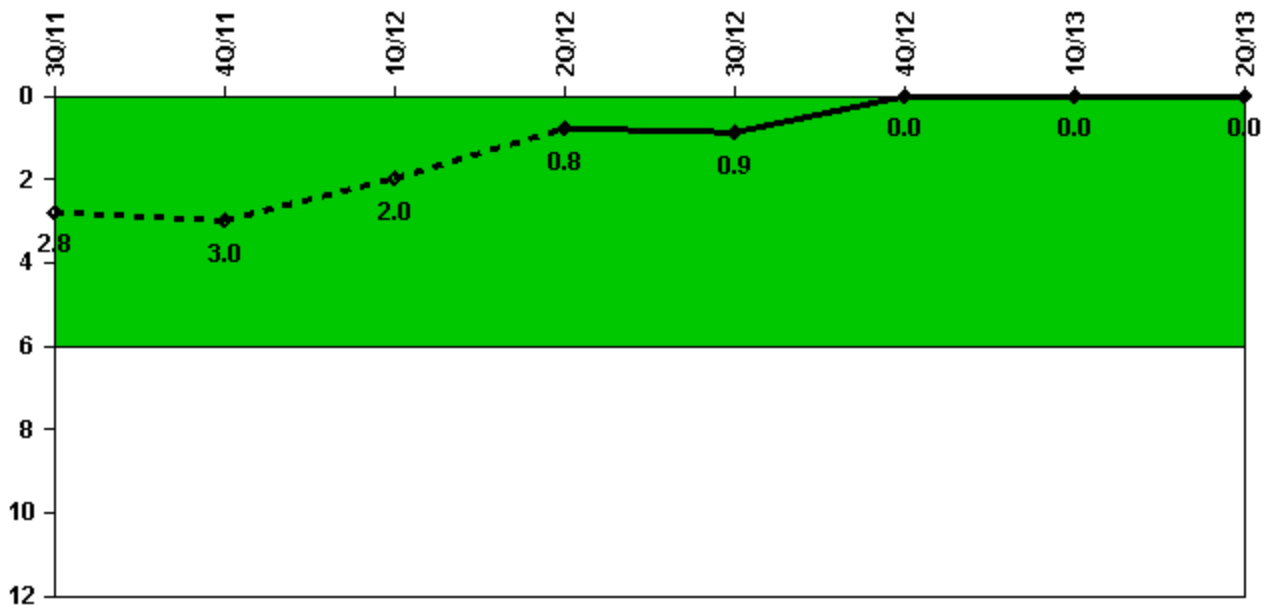
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	1.0	0	0	1.0	0	0	0
Critical hours	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0
Indicator value	0	1.0	1.0	0.8	1.8	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



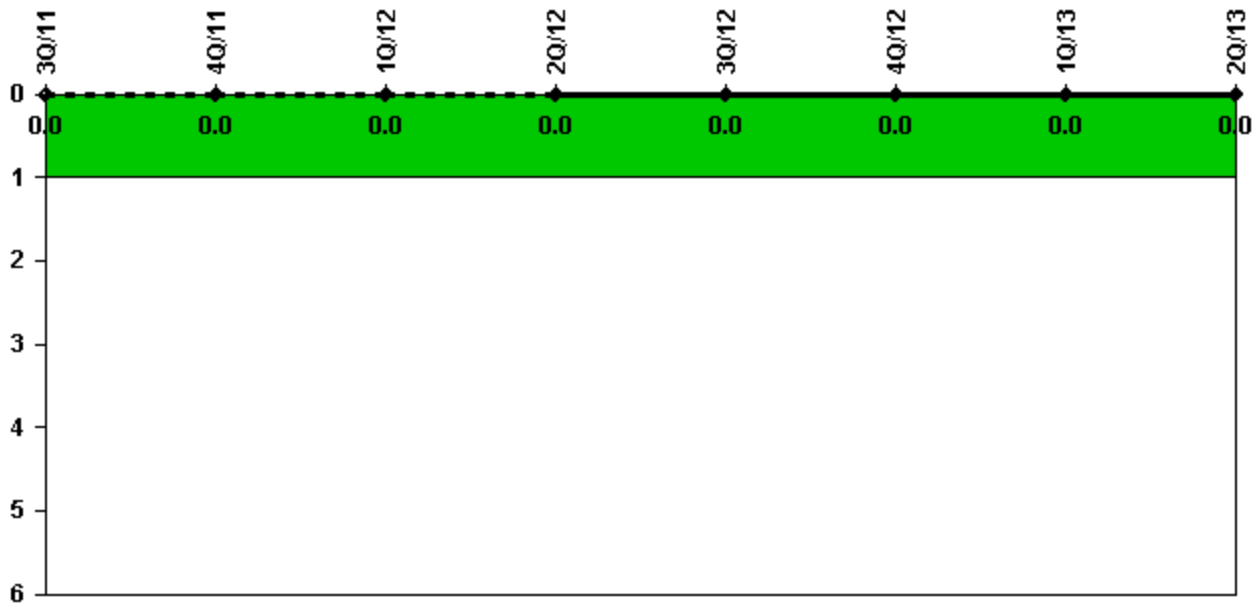
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0
Indicator value	2.8	3.0	2.0	0.8	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



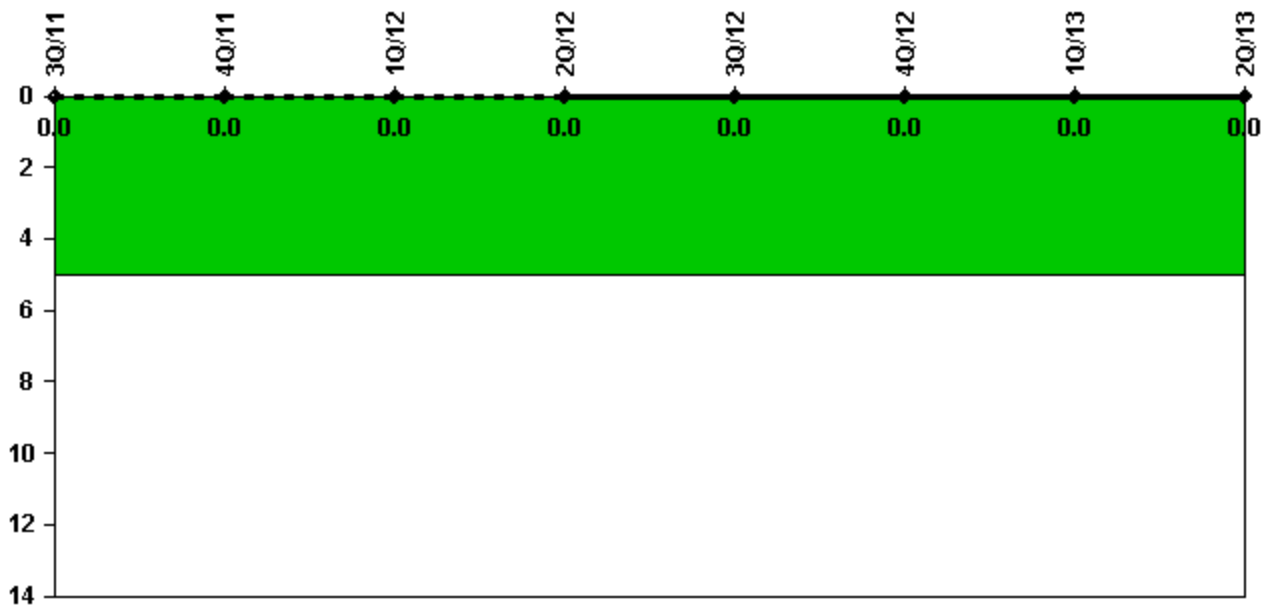
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



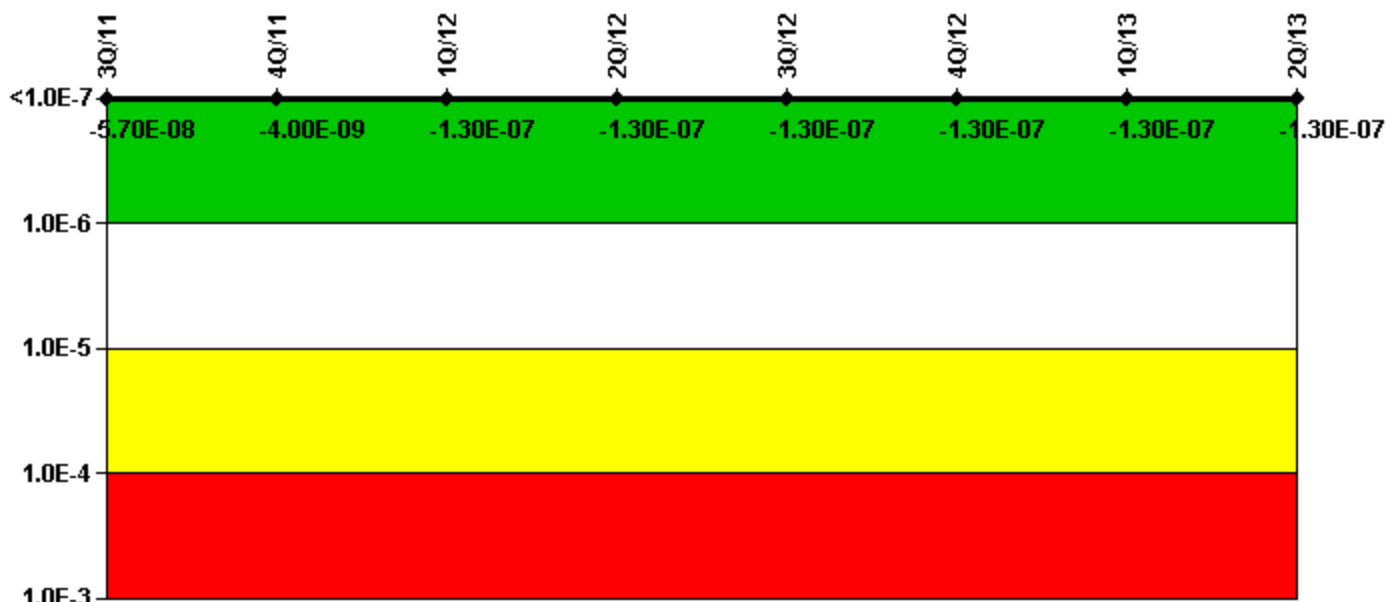
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-3.28E-09	-1.78E-09	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-5.37E-08	-2.24E-09	-9.82E-08	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-4.00E-09	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

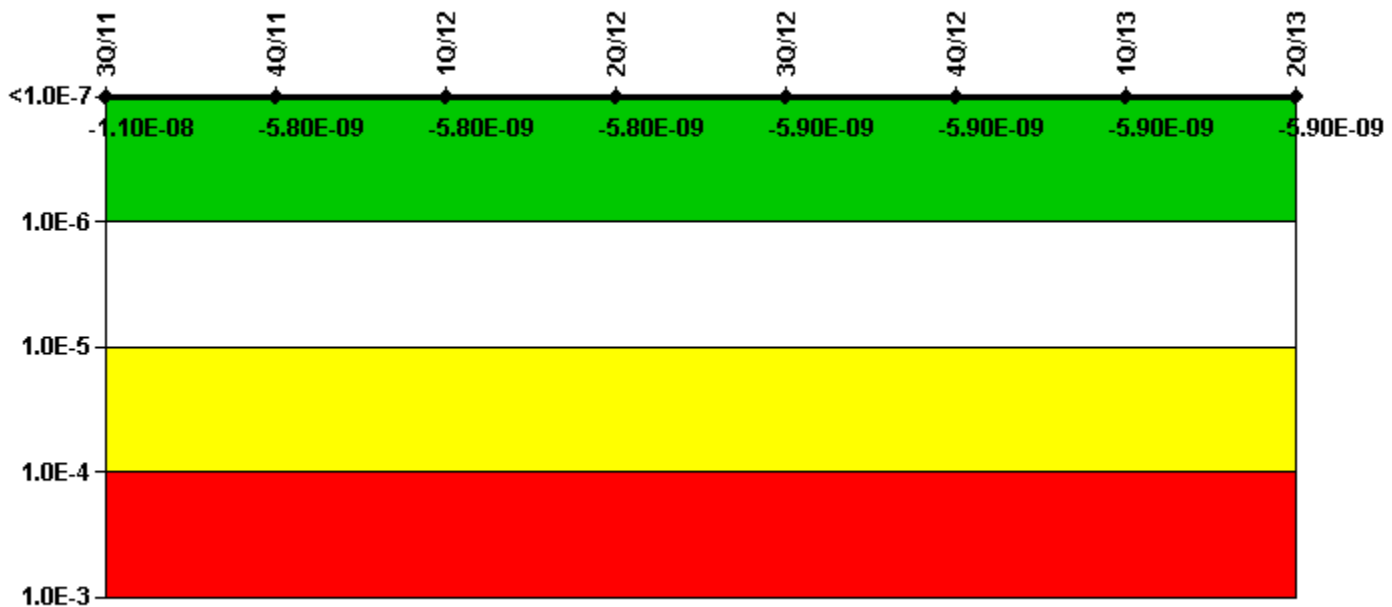
2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification

requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	-7.10E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (ΔCDF)	-4.14E-09	-2.69E-09	-2.68E-09	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-08	-5.80E-09	-5.80E-09	-5.80E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09

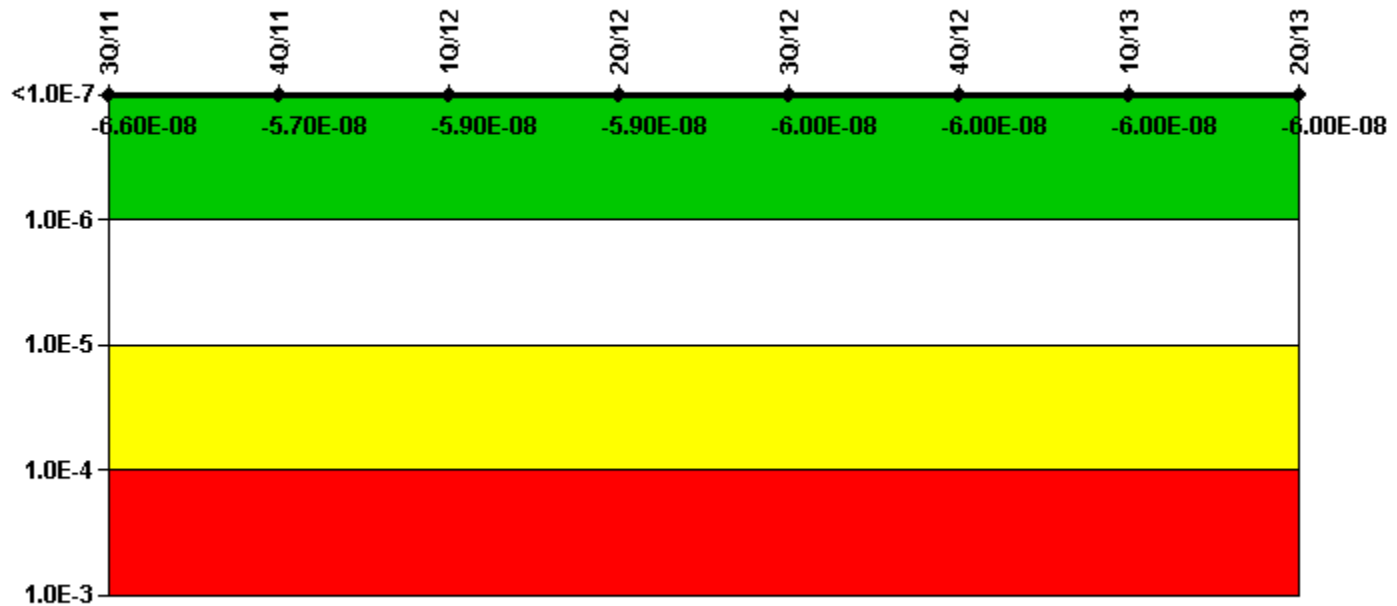
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective

in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

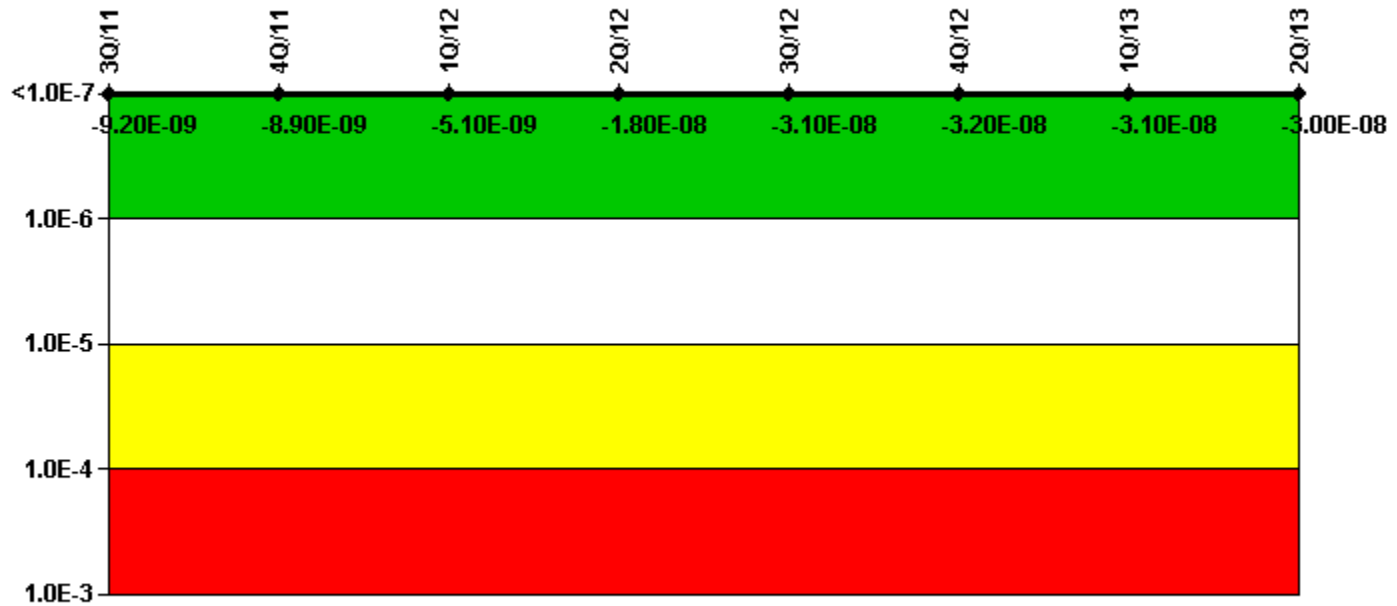
Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-2.24E-08	-1.86E-08	-2.01E-08	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-4.32E-08	-3.89E-08	-3.88E-08	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-5.70E-08	-5.90E-08	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

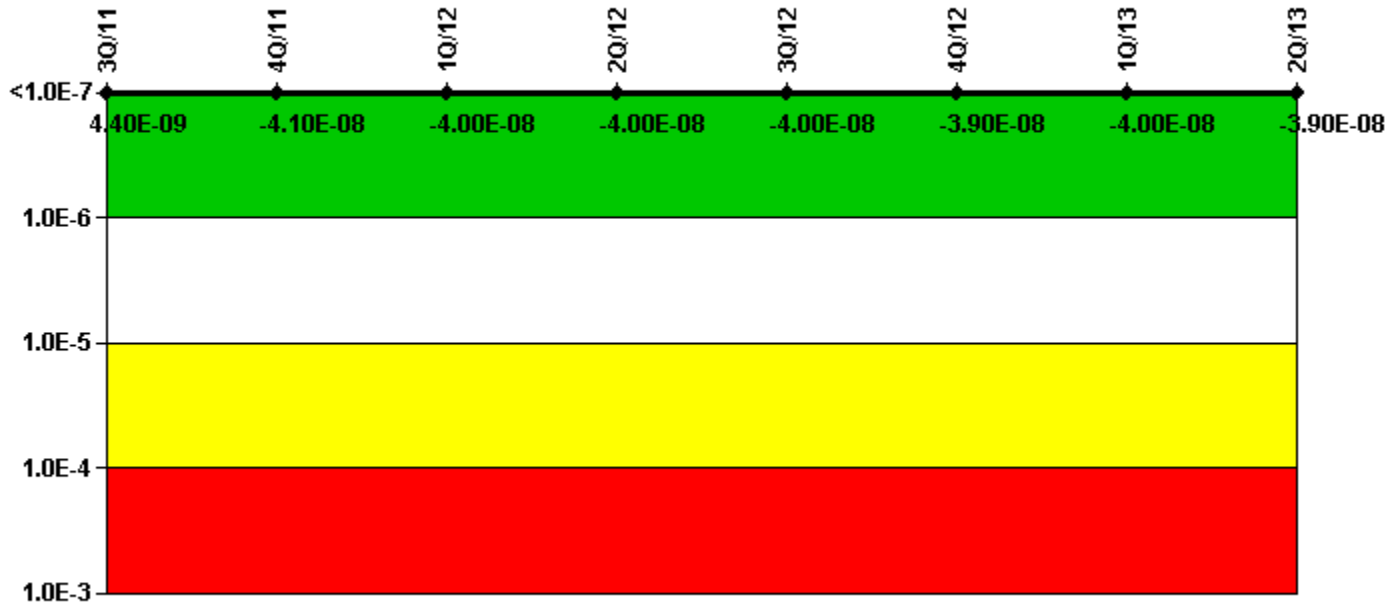
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	2.27E-08	1.89E-08	2.27E-08	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09
URI (ΔCDF)	-3.19E-08	-2.78E-08	-2.78E-08	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.20E-09	-8.90E-09	-5.10E-09	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

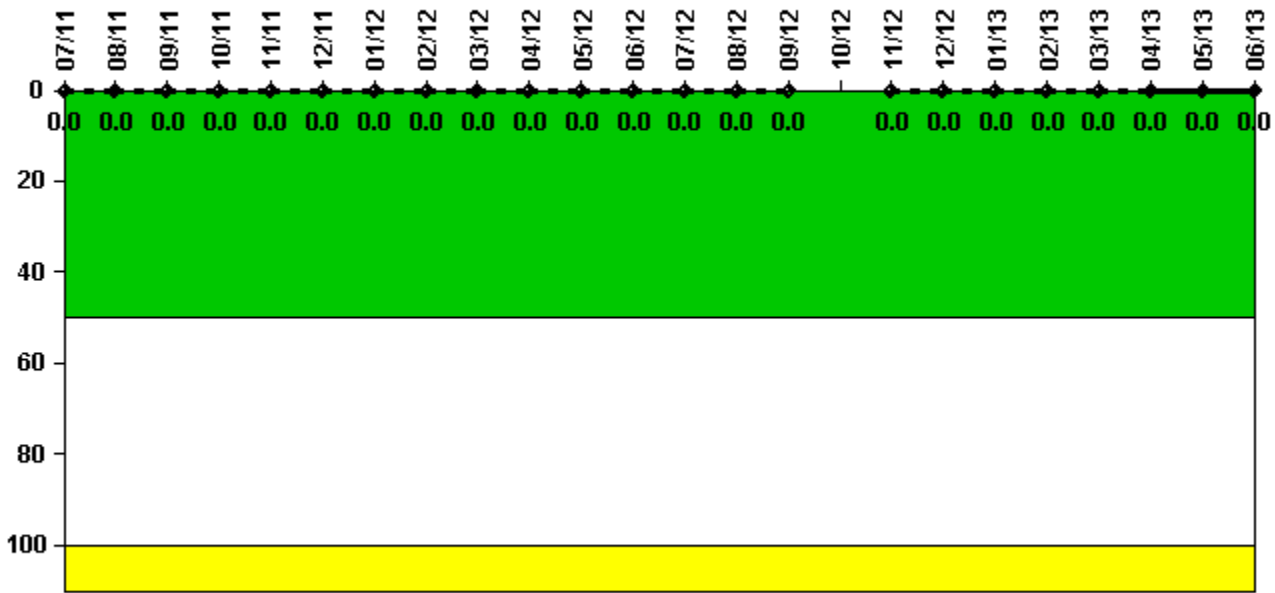
Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	4.25E-10	3.54E-10	3.54E-10	3.54E-10	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14
URI (Δ CDF)	3.95E-09	-4.09E-08	-4.05E-08	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.40E-09	-4.10E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

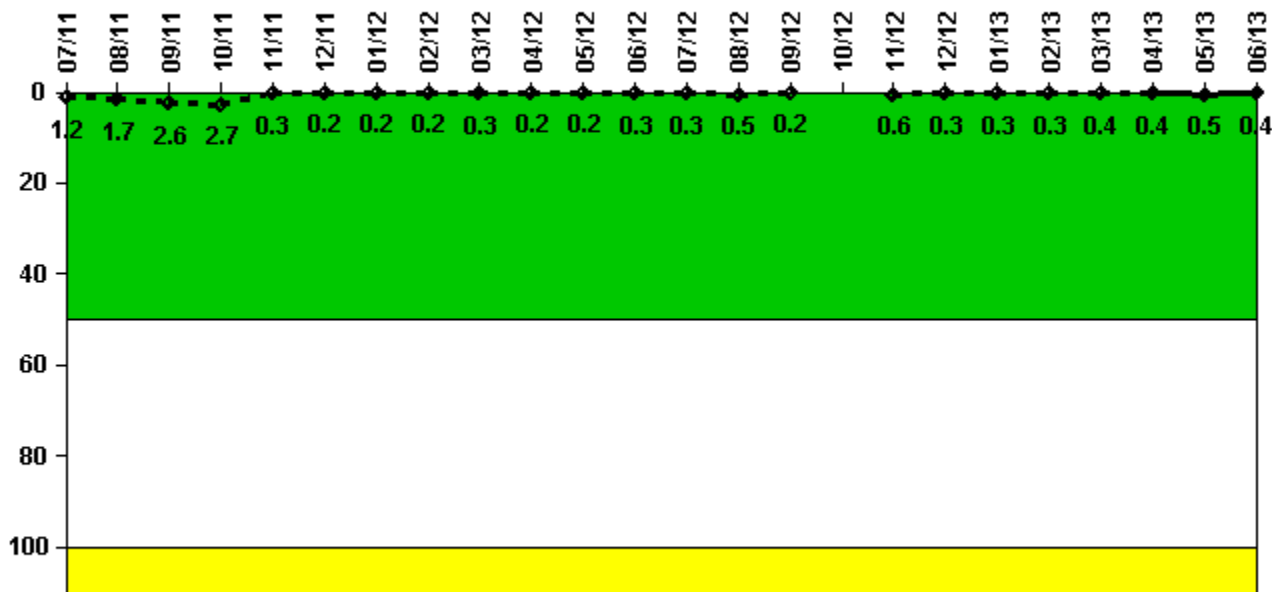
Notes

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000054	0.000067	0.000074	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000062	0.000080	0.000059	N/A	0.000039	0.000062	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

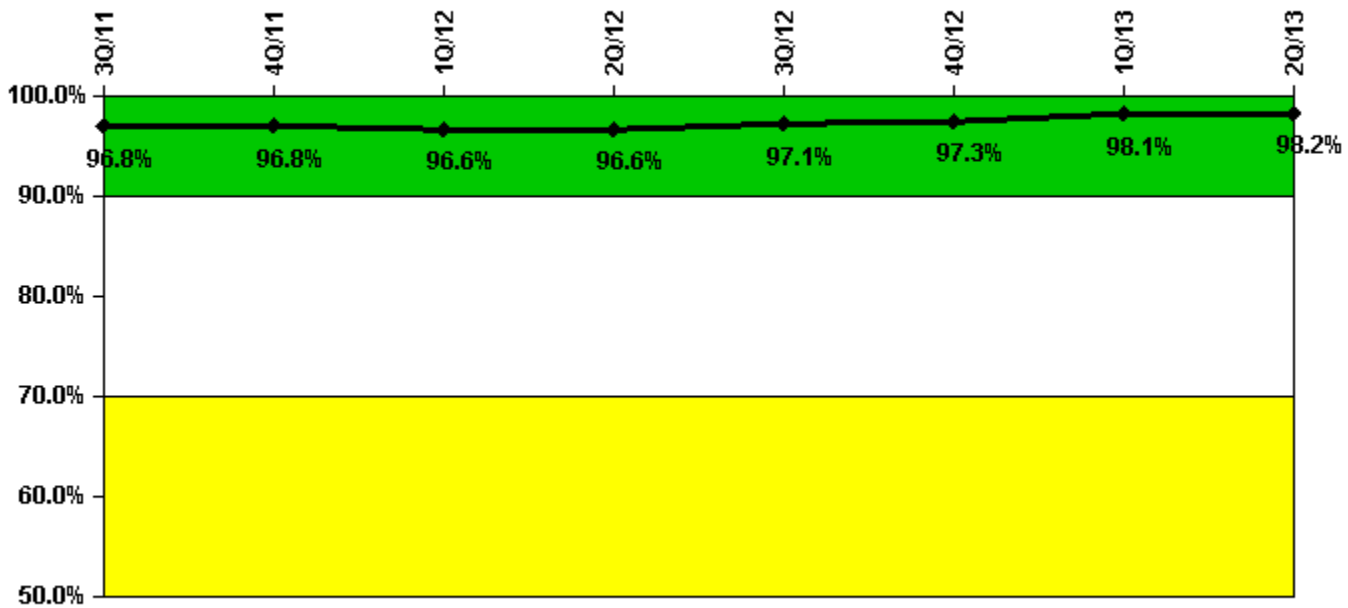
Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.124	0.168	0.258	0.272	0.029	0.024	0.024	0.024	0.027	0.022	0.024	0.025
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.7	2.6	2.7	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3
Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.028	0.047	0.021	N/A	0.056	0.029	0.027	0.029	0.039	0.040	0.045	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	N/A	0.6	0.3	0.3	0.3	0.4	0.4	0.5	0.4

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

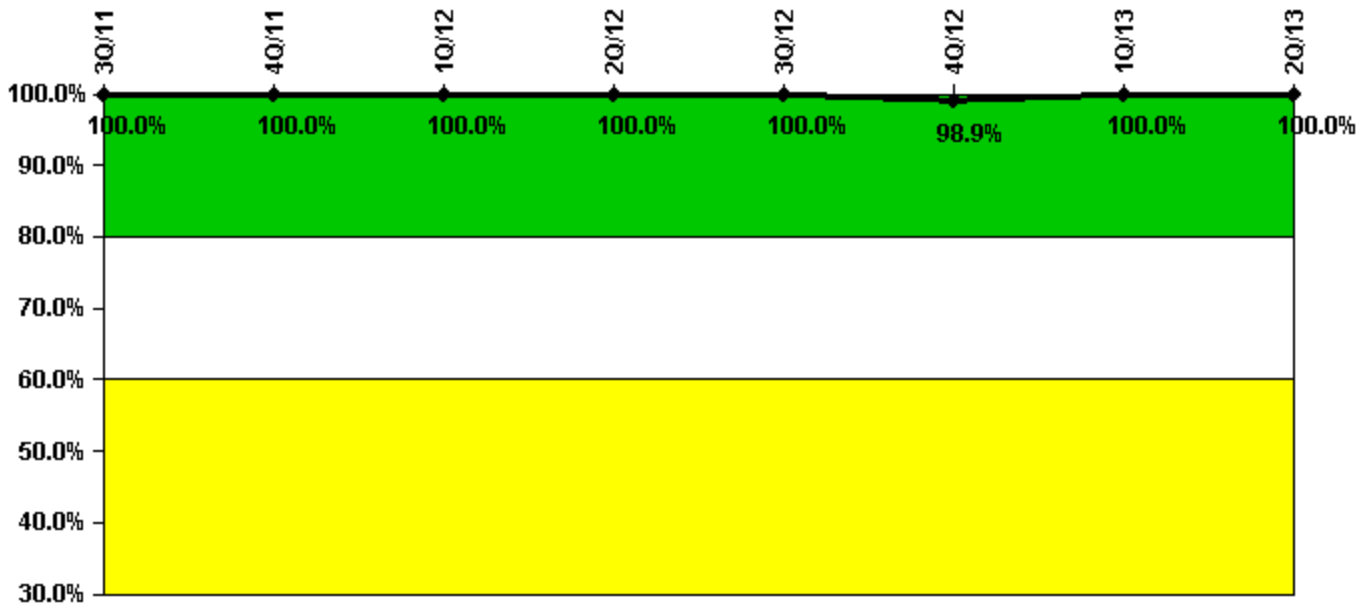
Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	26.0	57.0	41.0	29.0	22.0	36.0	29.0	27.0
Total opportunities	27.0	58.0	42.0	31.0	22.0	36.0	29.0	27.0
Indicator value	96.8%	96.8%	96.6%	96.6%	97.1%	97.3%	98.1%	98.2%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

ERO Drill Participation



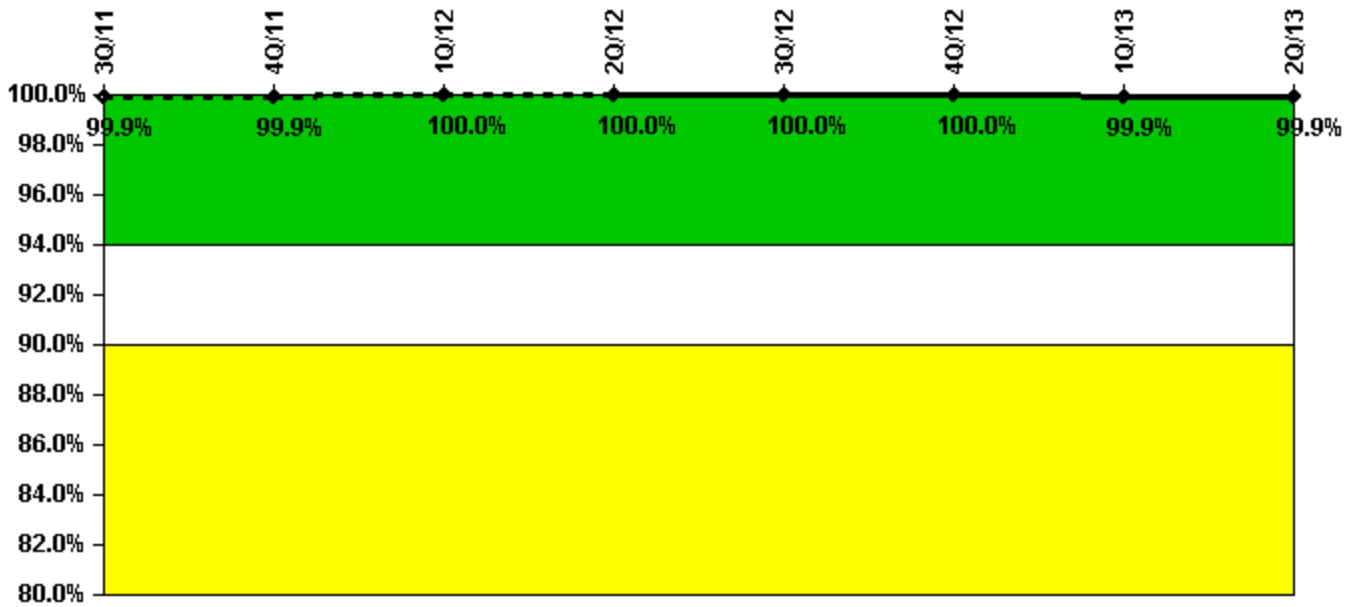
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	89.0	87.0	95.0	94.0	94.0	89.0	91.0	94.0
Total Key personnel	89.0	87.0	95.0	94.0	94.0	90.0	91.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



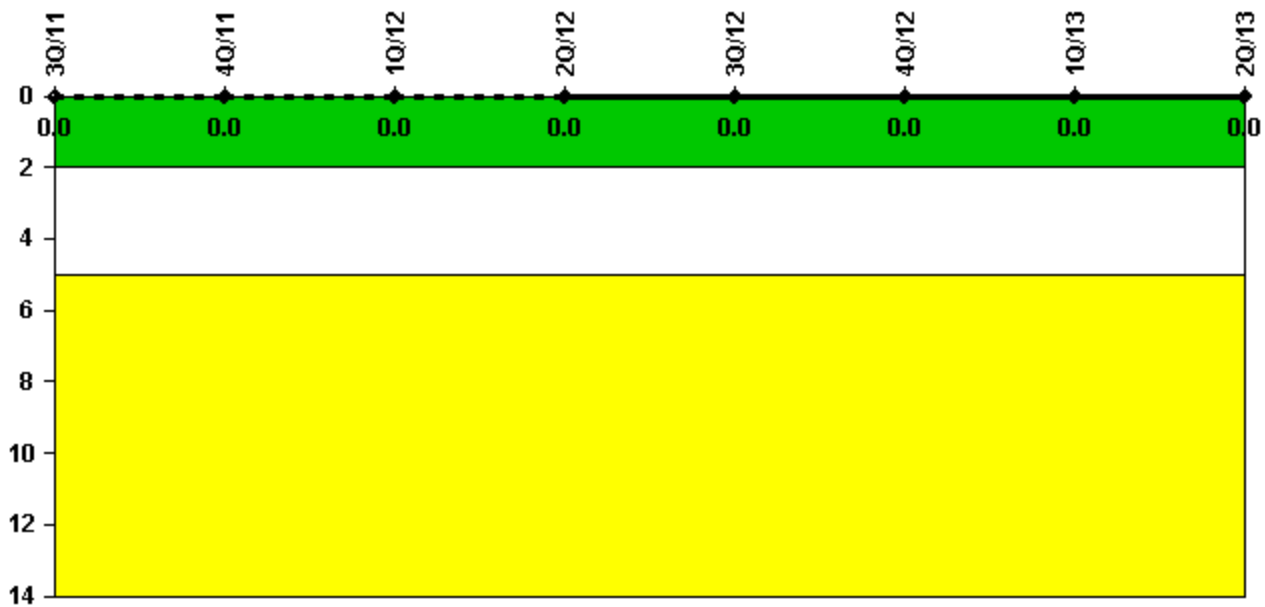
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	847	846	726	847	726	846	724	847
Total sirens-tests	847	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



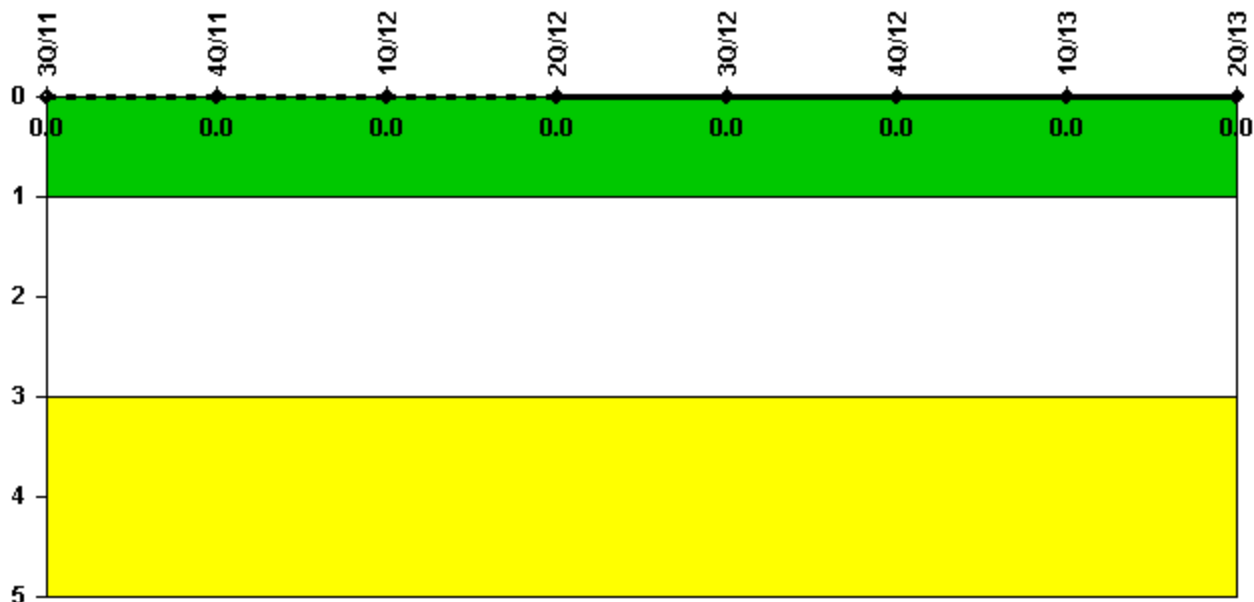
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 19, 2013

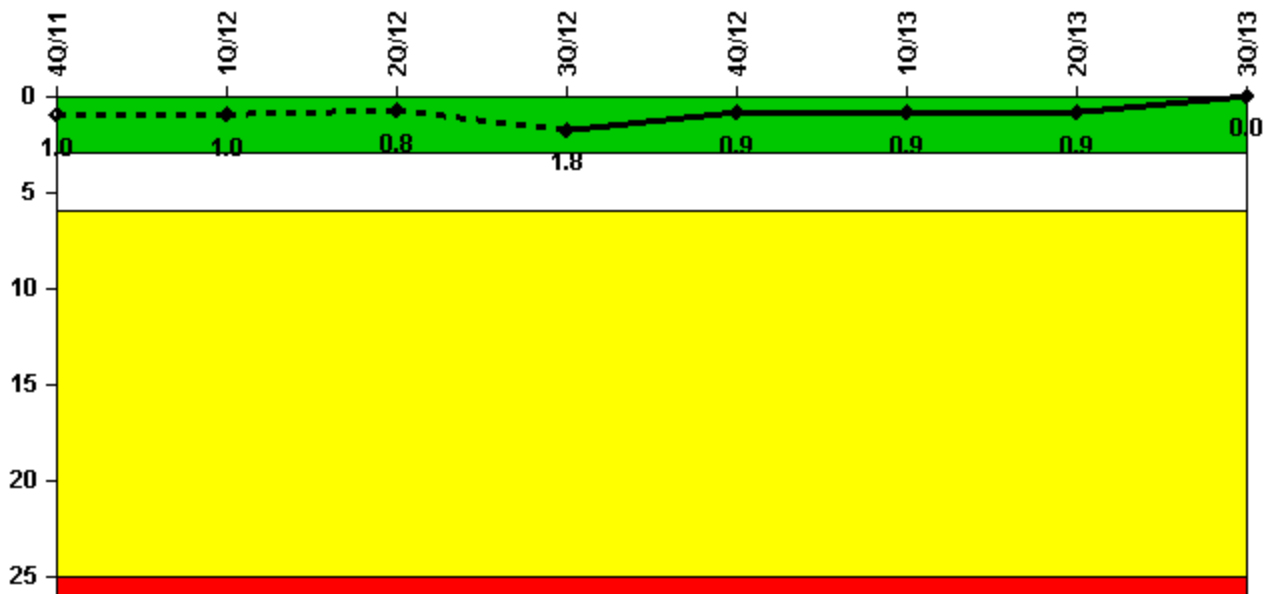
Seabrook 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



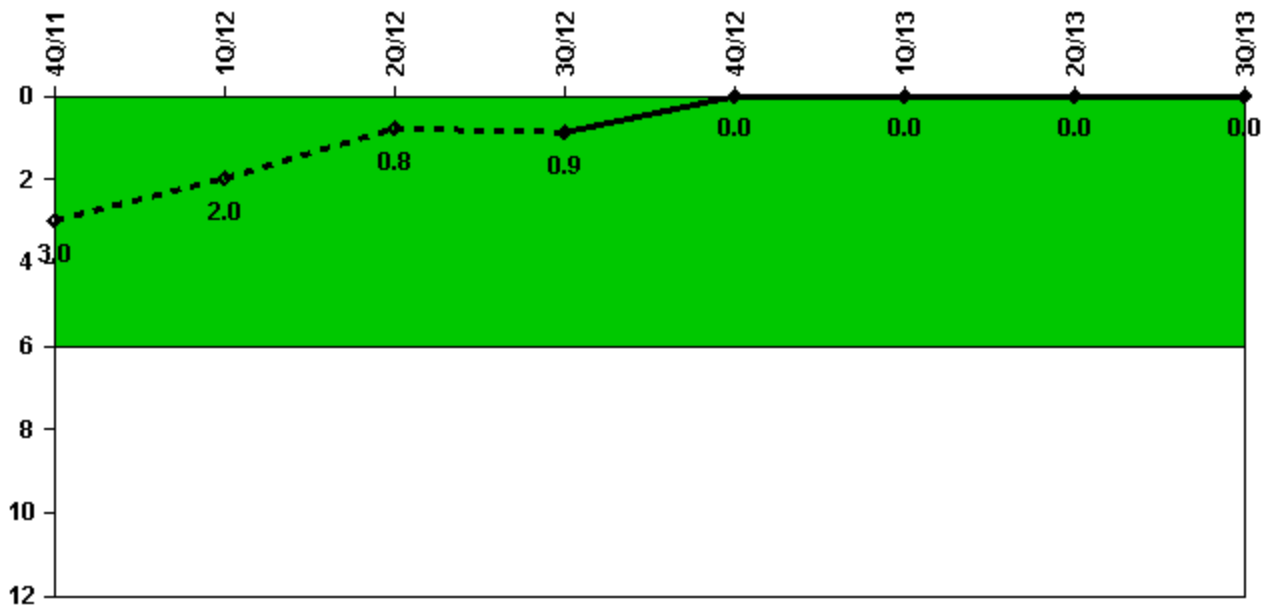
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0
Indicator value	1.0	1.0	0.8	1.8	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



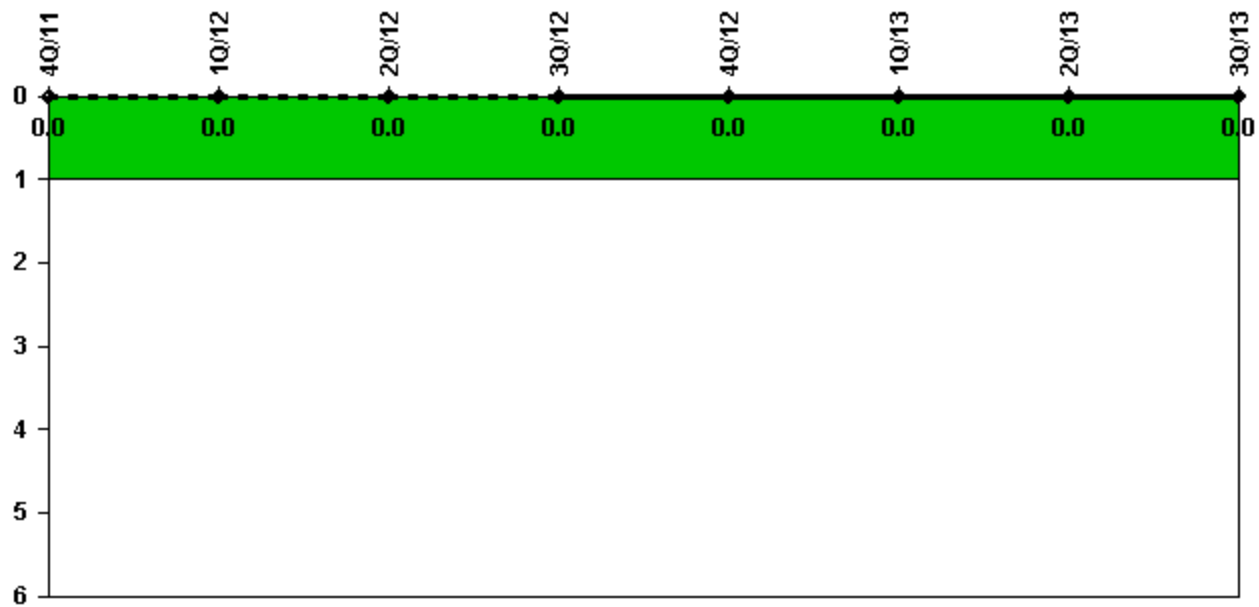
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1747.1	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0
Indicator value	3.0	2.0	0.8	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



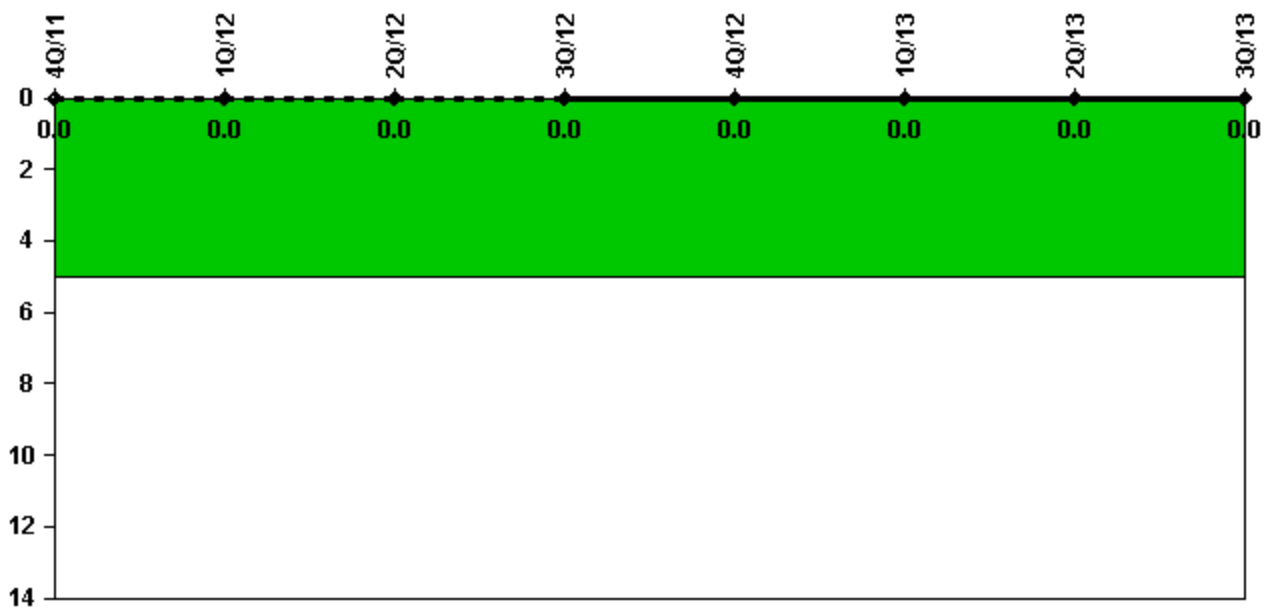
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



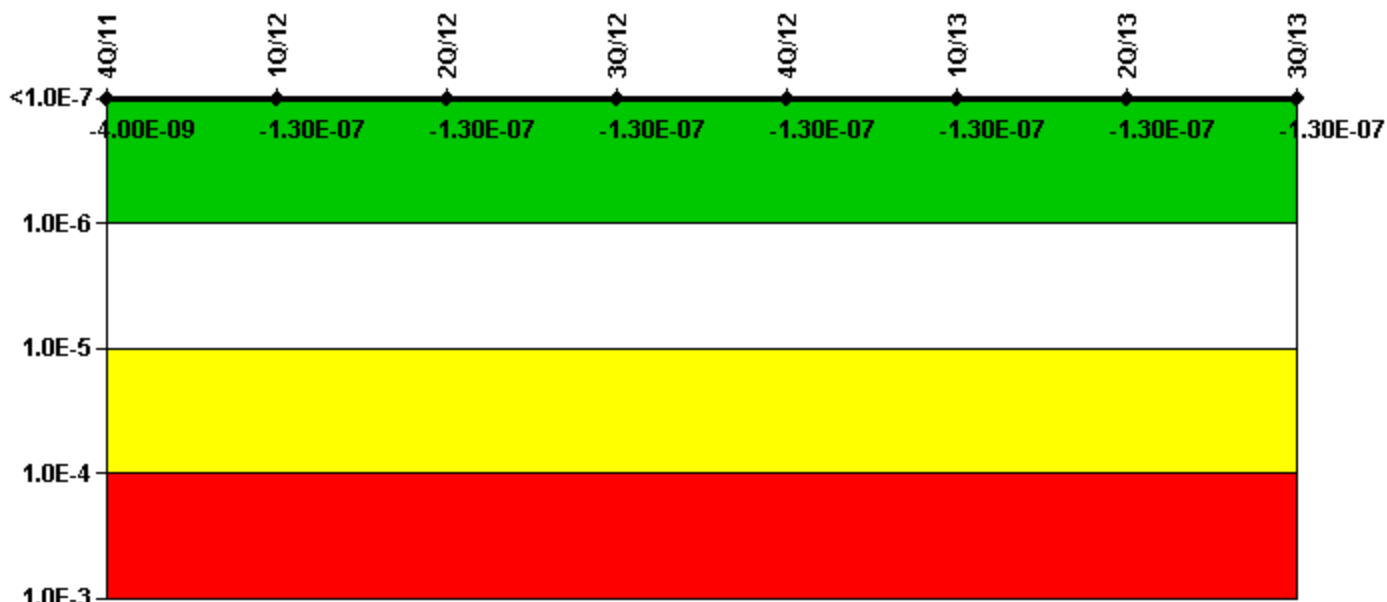
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	-1.78E-09	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-2.24E-09	-9.82E-08	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-09	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification

requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (ΔCDF)	-2.69E-09	-2.68E-09	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	-5.80E-09	-5.80E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09

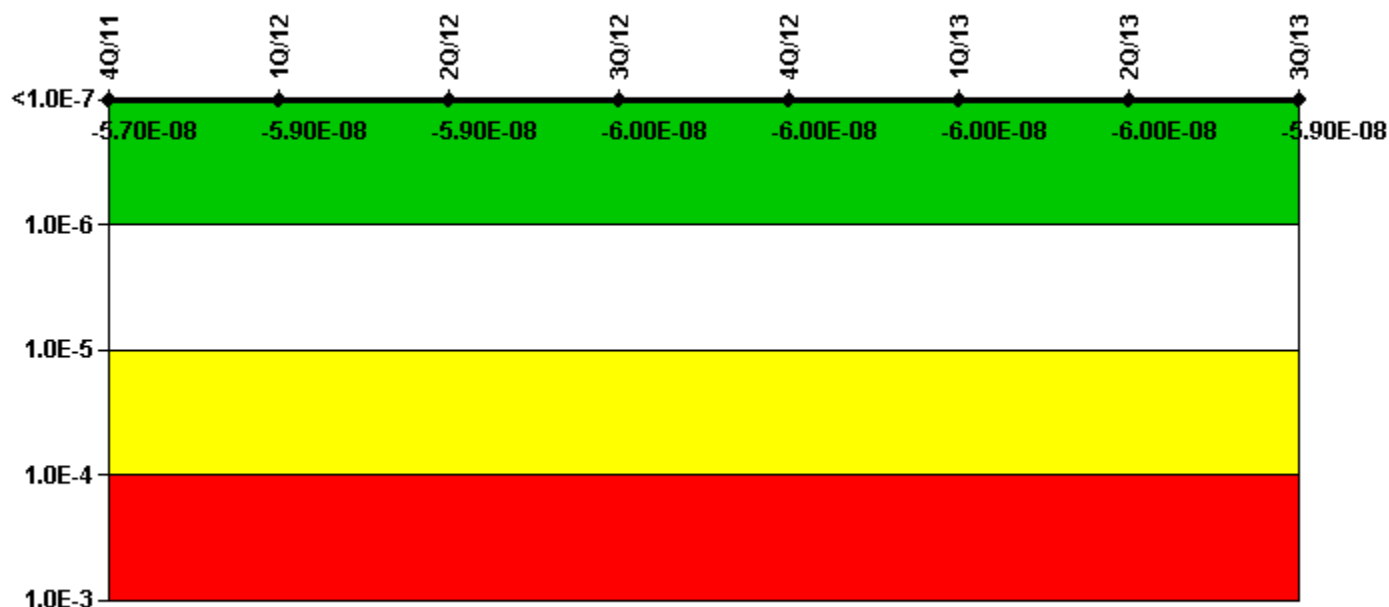
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective

in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

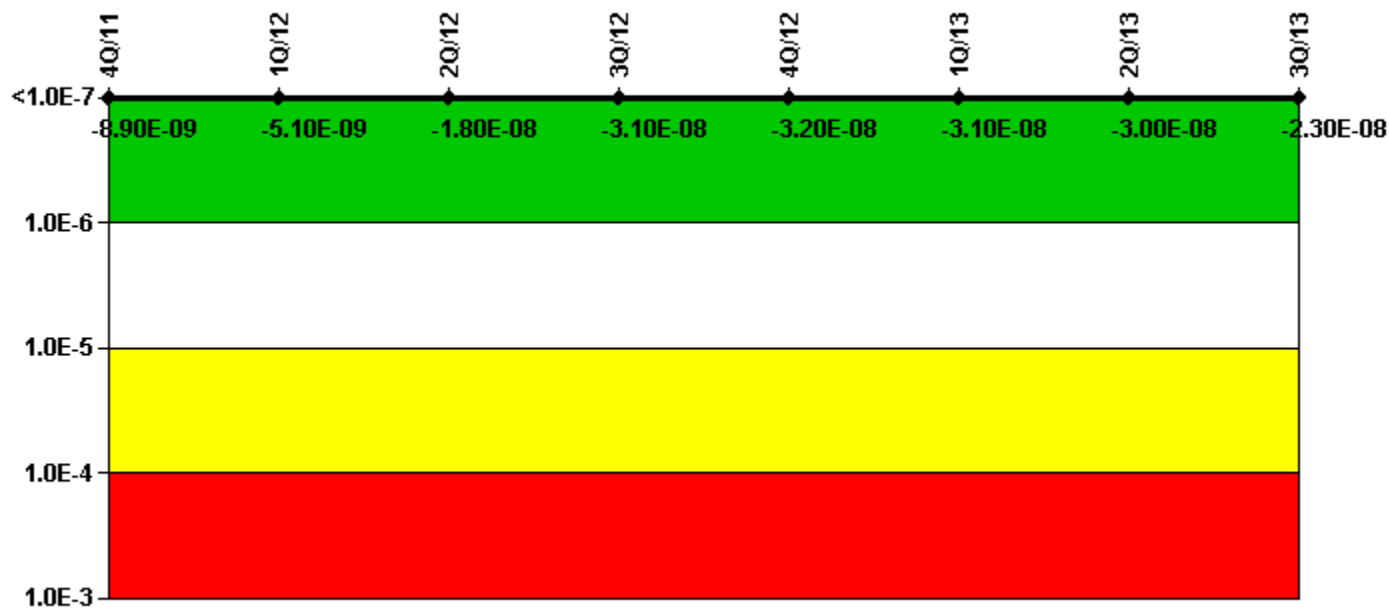
Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	-1.86E-08	-2.01E-08	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08
URI (ΔCDF)	-3.89E-08	-3.88E-08	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.90E-08	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

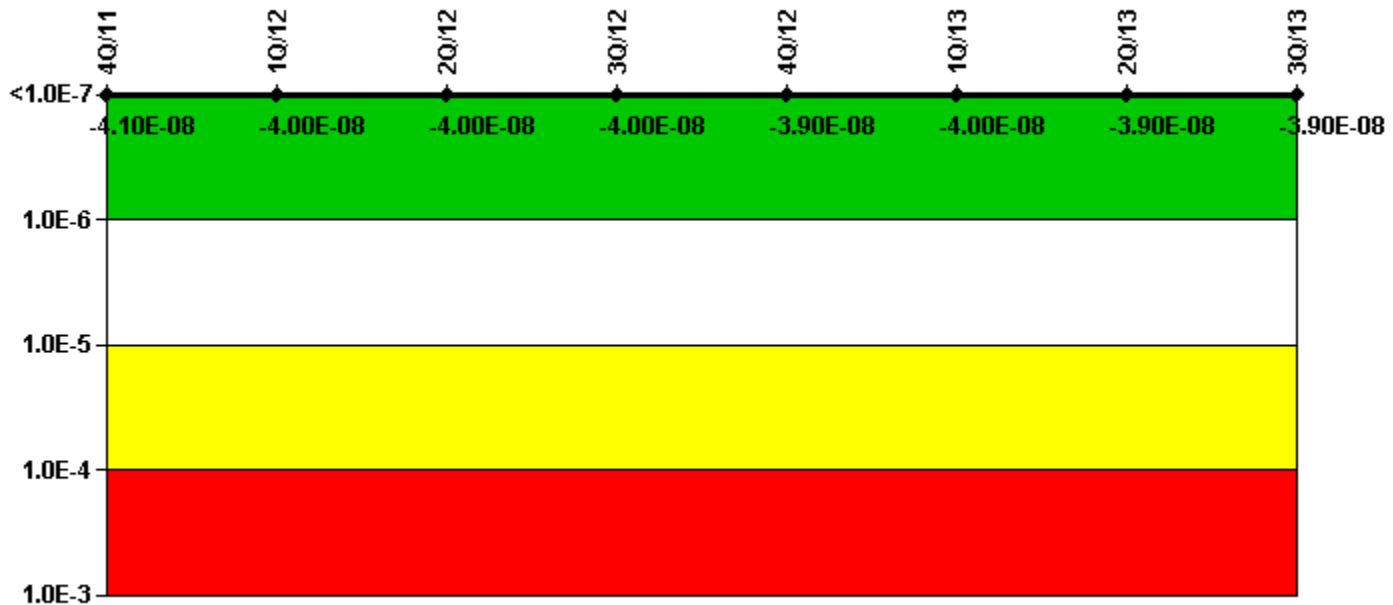
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	1.89E-08	2.27E-08	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09
URI (Δ CDF)	-2.78E-08	-2.78E-08	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.90E-09	-5.10E-09	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

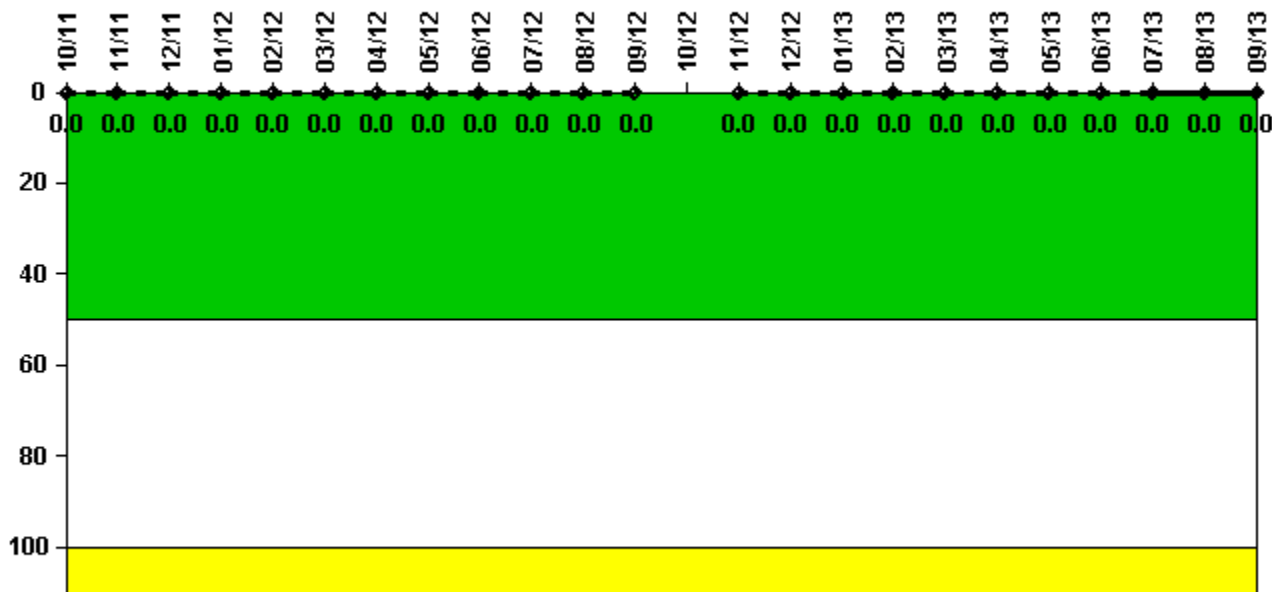
Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	3.54E-10	3.54E-10	3.54E-10	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-4.09E-08	-4.05E-08	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

4Q/11: The PRA values were revised on 9/26/11 to support 4Q11 implementation. This was a general model update.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

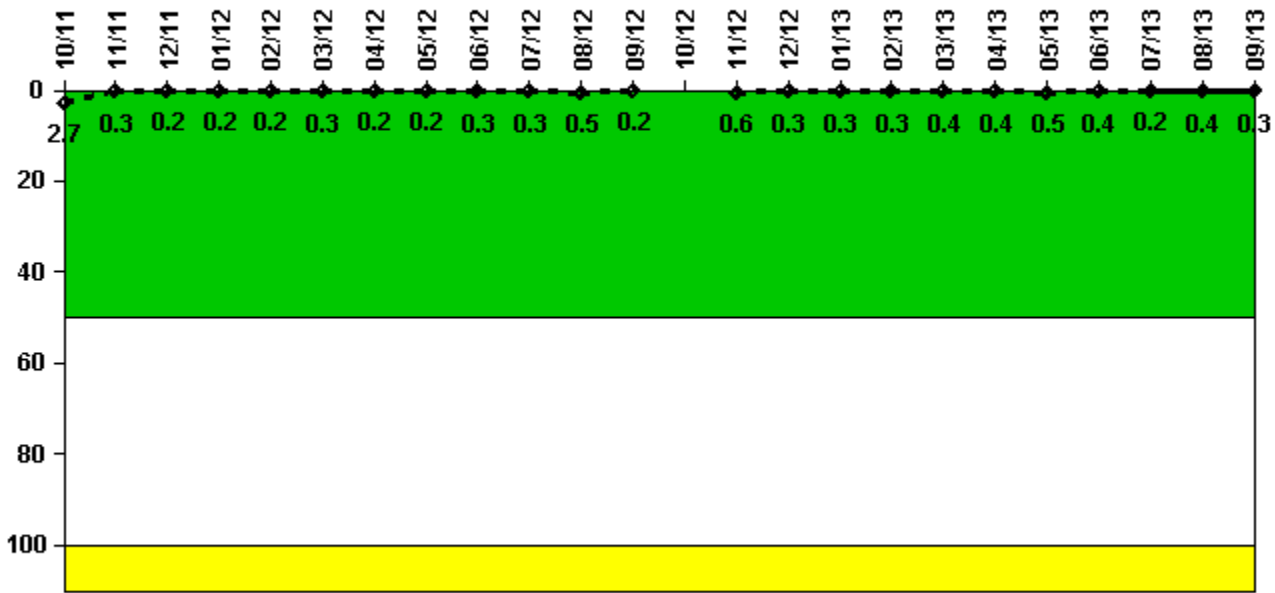
Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000066	0.000086	0.000059	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	N/A	0.000039	0.000062	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown

for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

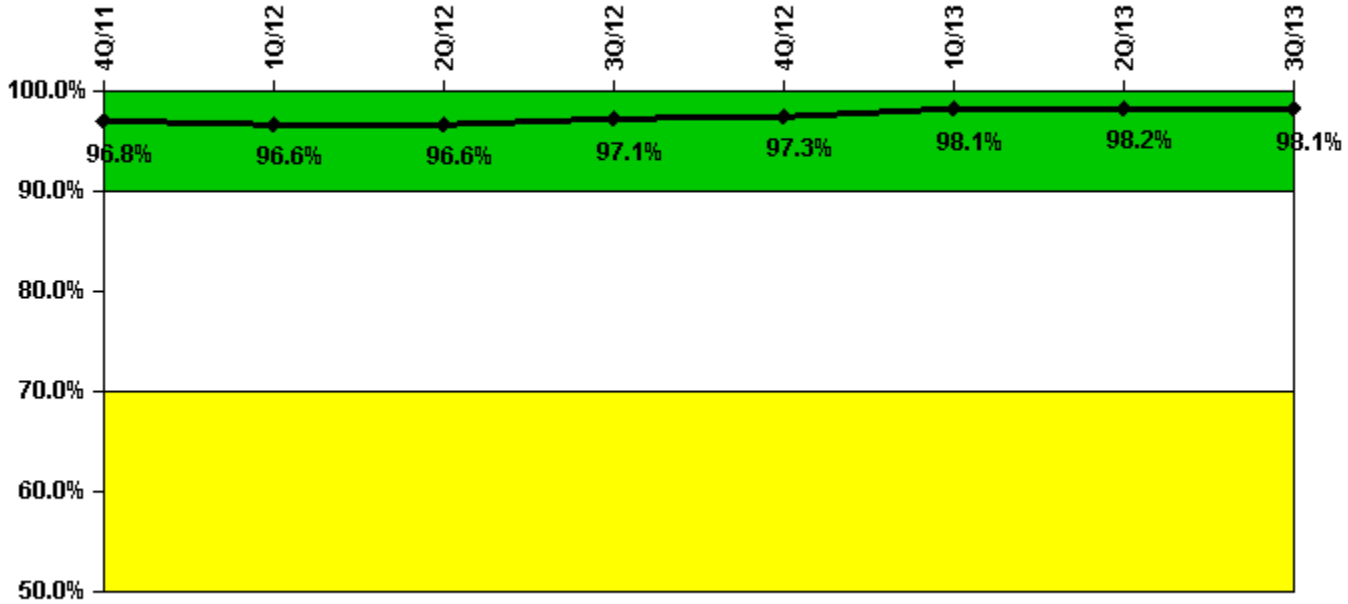
Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.272	0.029	0.024	0.024	0.024	0.027	0.022	0.024	0.025	0.028	0.047	0.021
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.7	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.5	0.2
Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	N/A	0.056	0.029	0.027	0.029	0.039	0.040	0.045	0.035	0.024	0.043	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.6	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.2	0.4	0.3

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

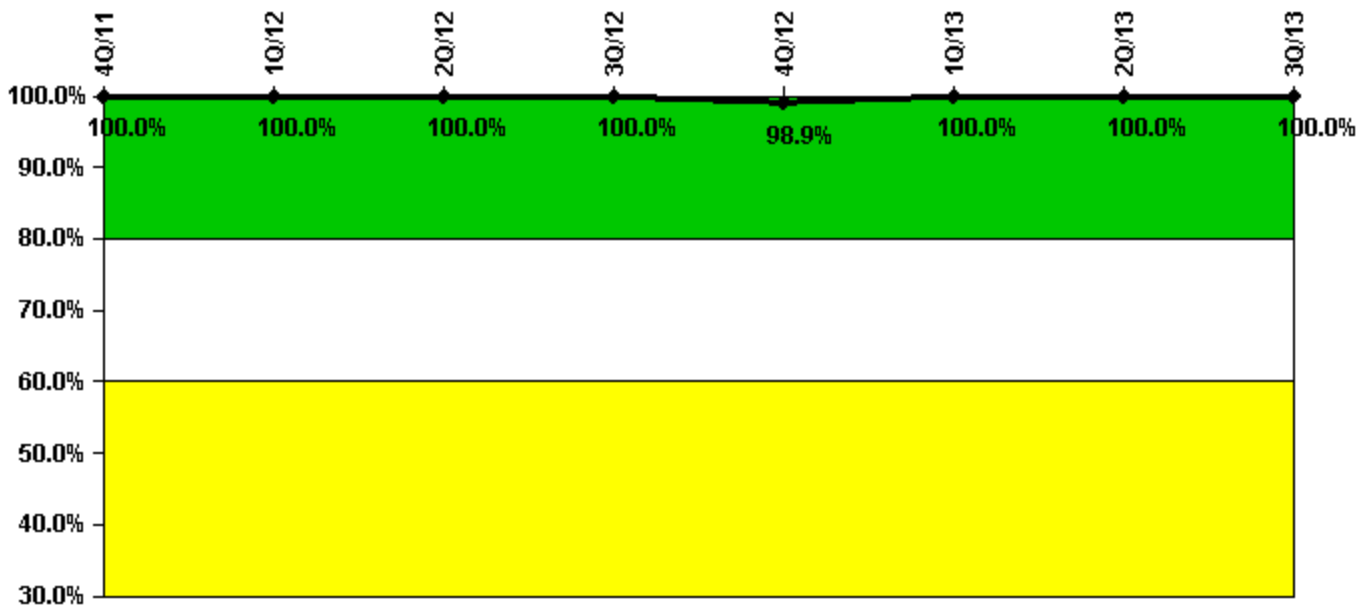
Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	57.0	41.0	29.0	22.0	36.0	29.0	27.0	16.0
Total opportunities	58.0	42.0	31.0	22.0	36.0	29.0	27.0	17.0
Indicator value	96.8%	96.6%	96.6%	97.1%	97.3%	98.1%	98.2%	98.1%

Licensee Comments:

4Q/11: Successful and total drill opportunities changed from 21 to 23 for 2011-11. Two opportunities were not reported in time for 4Q 2011 data due to annual exam security. Change submitted with 1Q 2012 data.

ERO Drill Participation



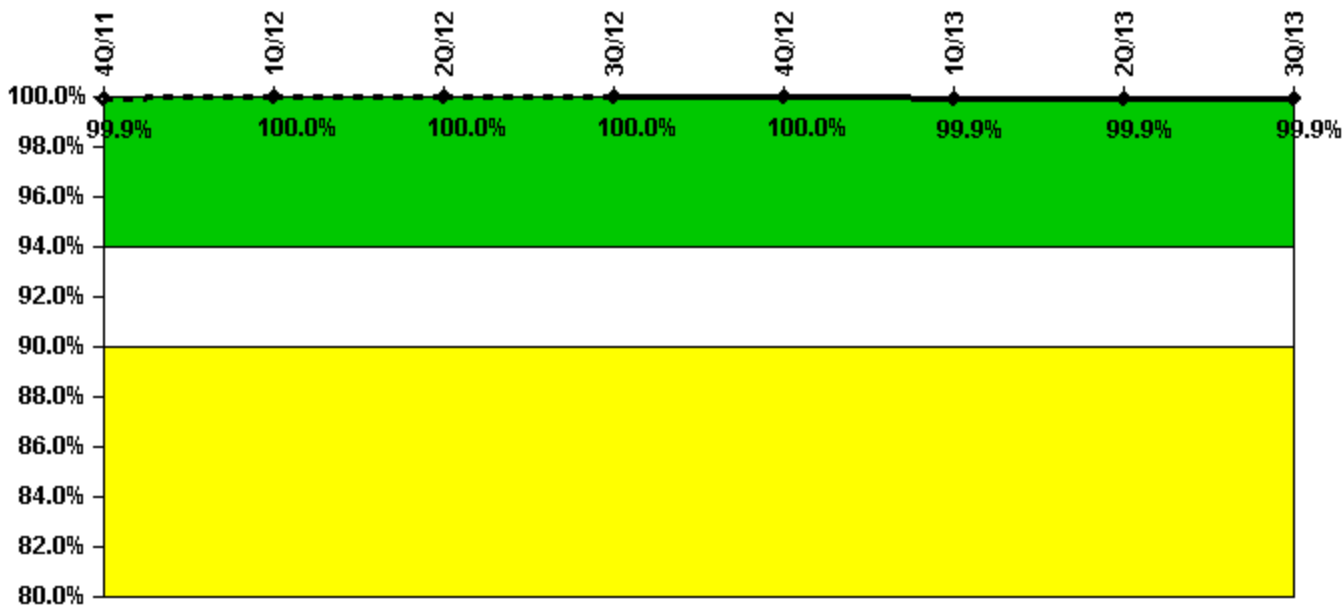
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	87.0	95.0	94.0	94.0	89.0	91.0	94.0	95.0
Total Key personnel	87.0	95.0	94.0	94.0	90.0	91.0	94.0	95.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



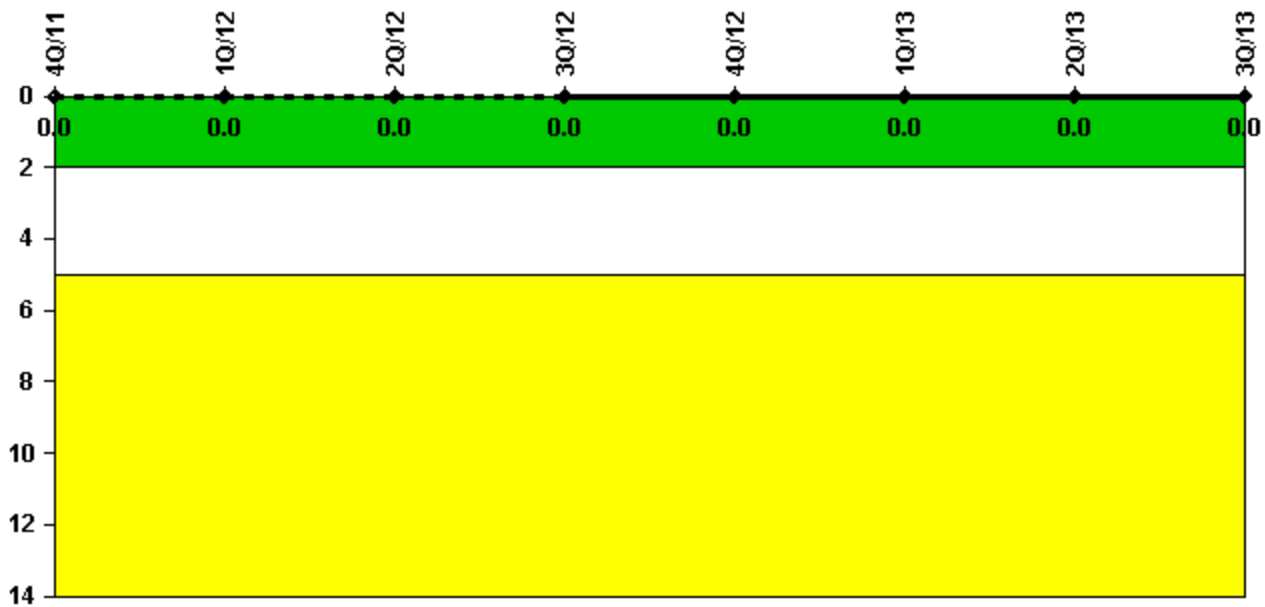
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	846	726	847	726	846	724	847	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



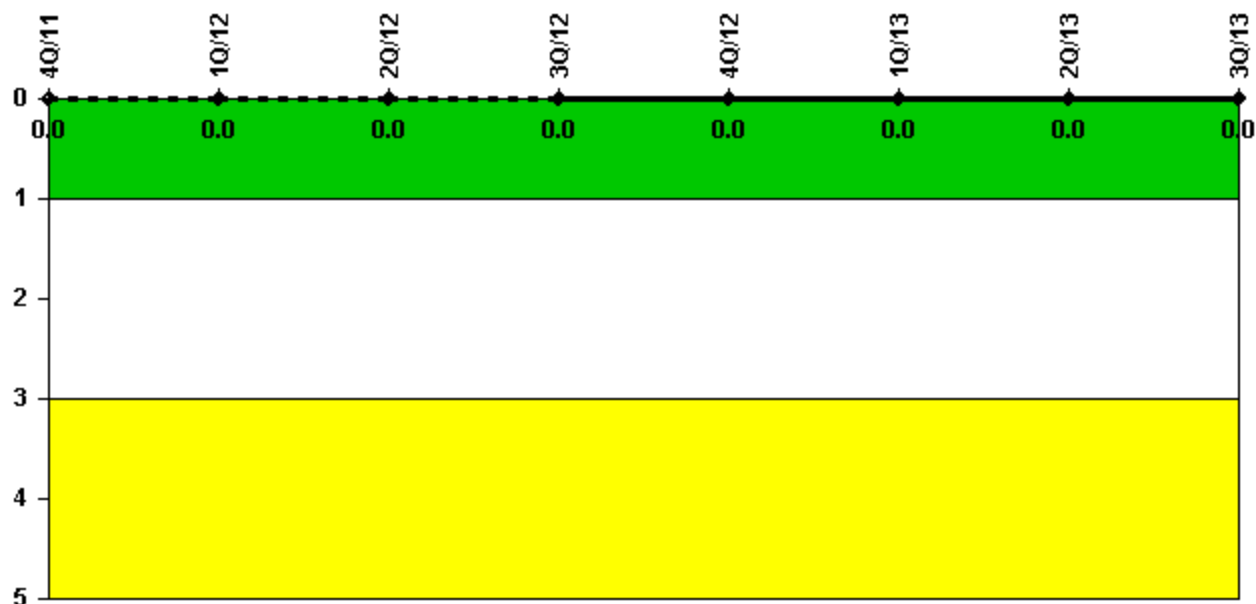
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 22, 2013

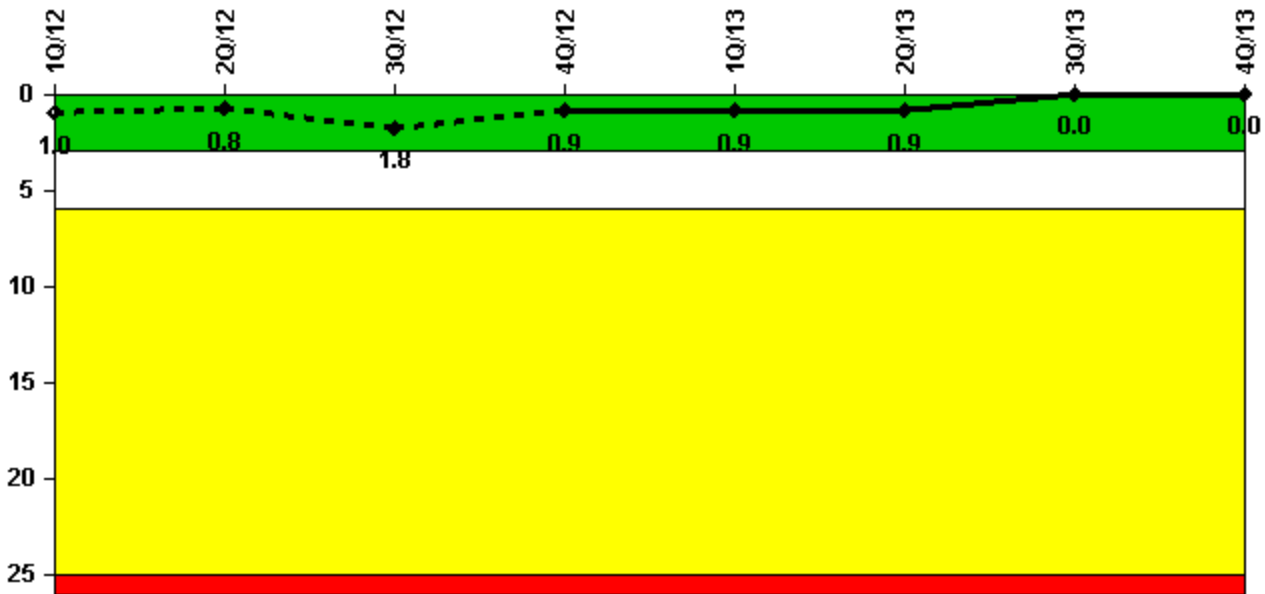
Seabrook 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



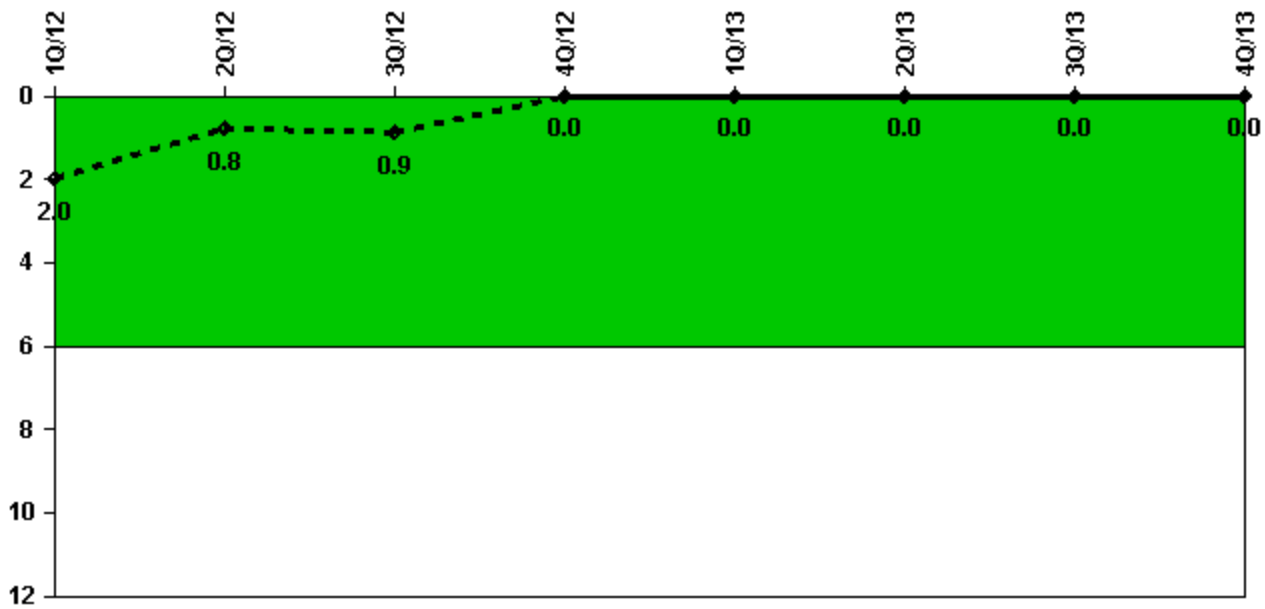
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0
Indicator value	1.0	0.8	1.8	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



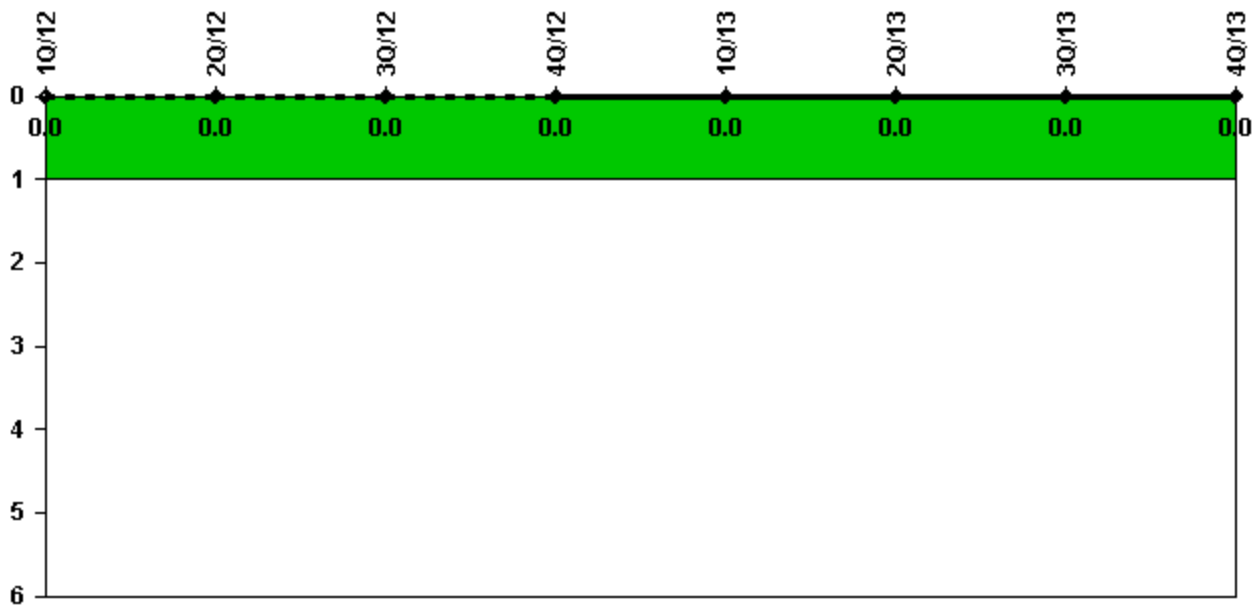
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0
Indicator value	2.0	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



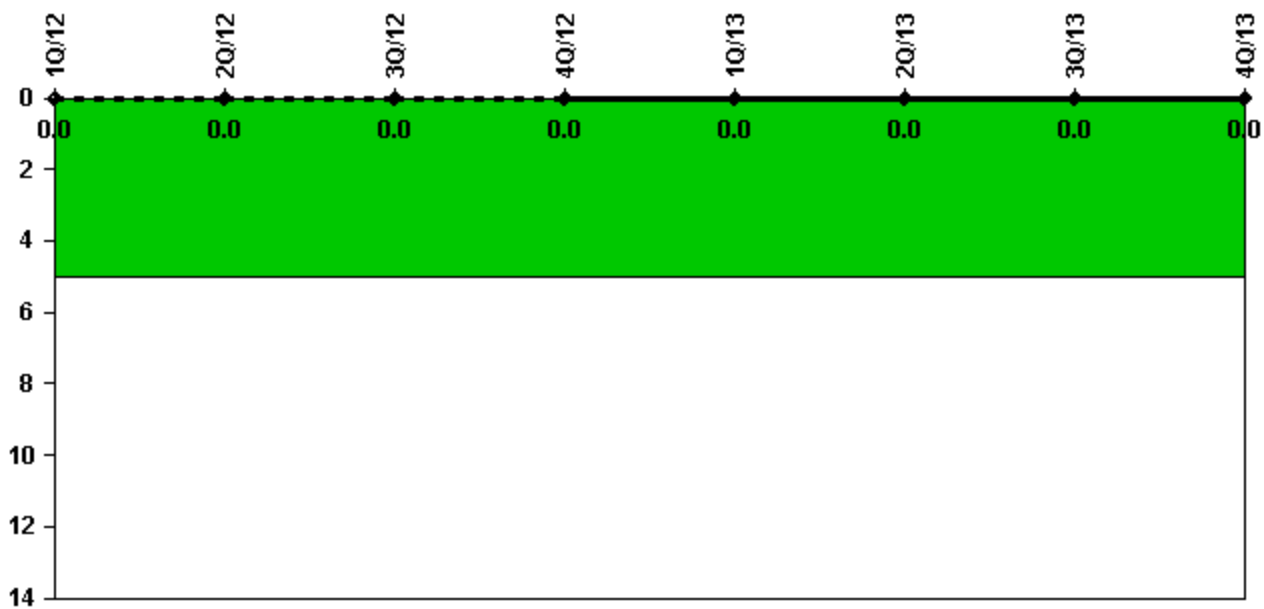
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



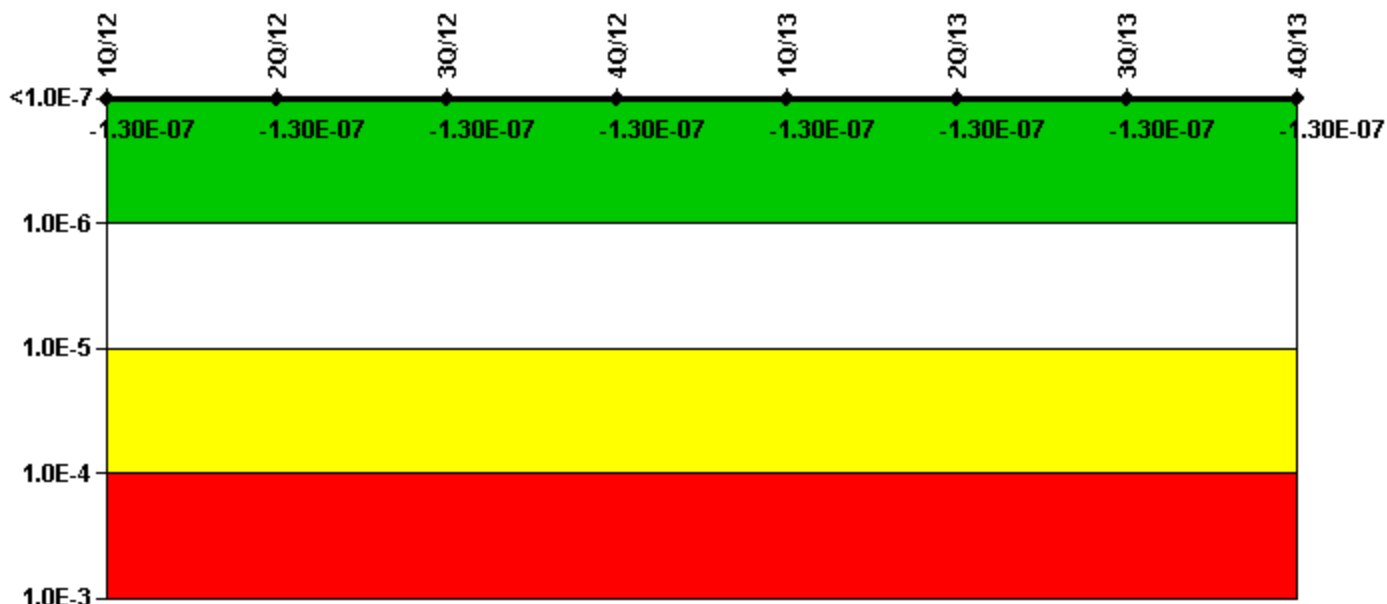
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.82E-08	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

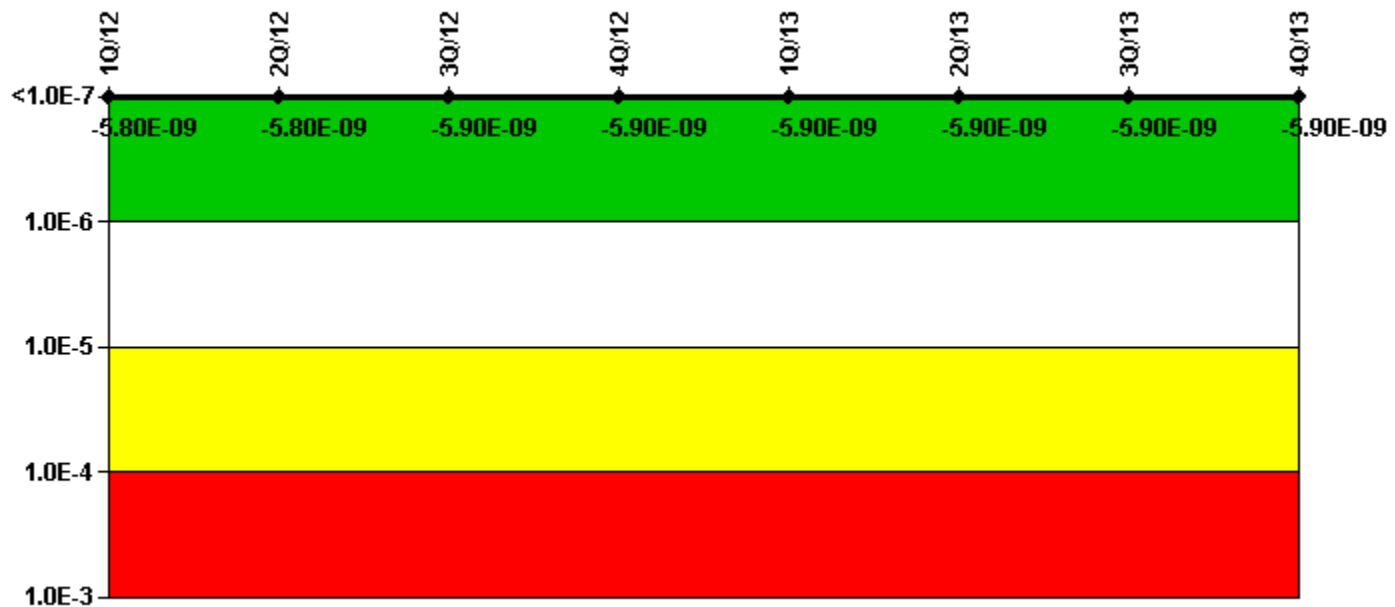
Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

1Q/12: Basis document was updated with the following: To reflect the Seabrook EDG fuel oil transfers pumps now are part of the EDG super component. The EAC boundary drawing has been updated on page 17. Failure of the FO transfer pump may be considered a failure of the EDG super component. (FAQ 11-07). Changes made to the basis document on page 22. Crosstie ability exists between transfer systems. Day tank low level alarm occurs at 702 gallons (D6565/D6615) and alarms in the control room. EDG failure is assumed at 91 minutes given full load usage of 7.7 gpm. The fuel oil transfer pumps can be cross-connected to supply either EDGs day tank. One FOTP can supply 20 gpm. This is enough fuel oil for both EDGs running at full load. The cross-connection is a manual action performed by an operator in the field using procedure OX1426.33. Operator action to crosstie the fuel oil transfer system is not explicitly modeled in the PRA. Therefore the PRA assumes a failure of the fuel oil transfer pump fails the EDG. A single fuel storage tank has enough fuel to last 7 days per technical specification

requirements. This allows for both diesels to meet the 24-hour mission time requirement if only supplied from one storage tank. Suction can be taken from either storage tank. Justification exists for screening out FOTP failures. The screening determination will be made by the individual failure investigation (FAQ 11-08). Changes are effective beginning with 1st quarter 2012 data.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

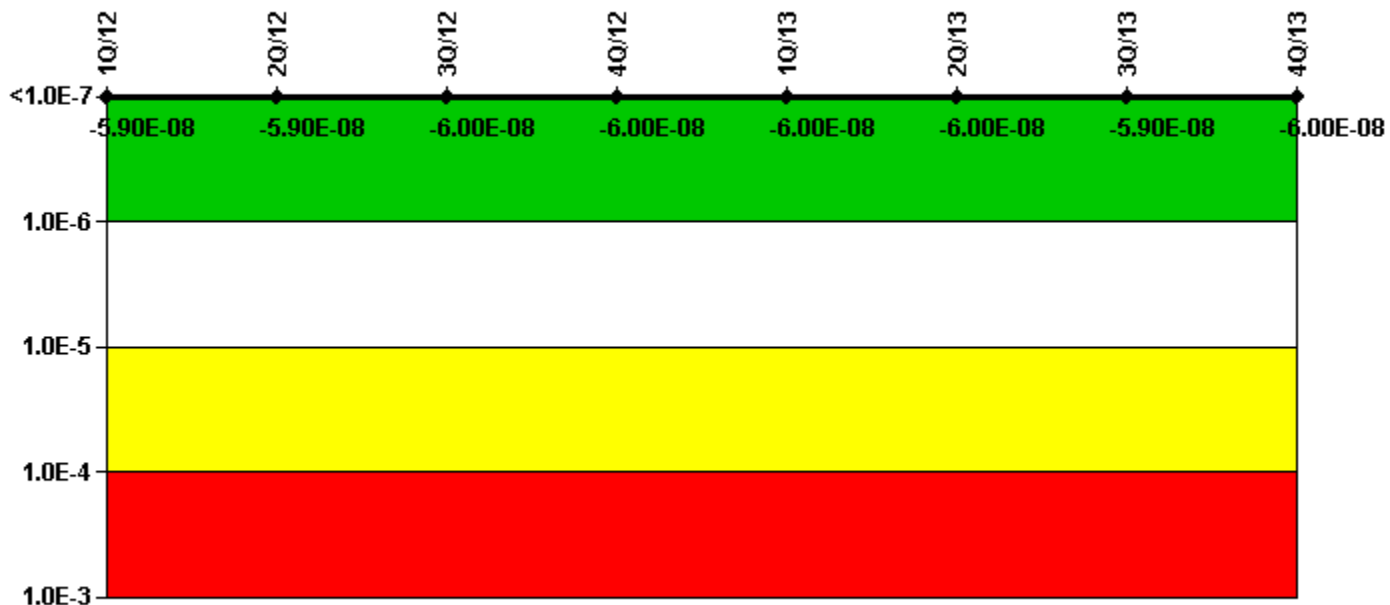
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (ΔCDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (ΔCDF)	-2.68E-09	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	-5.80E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

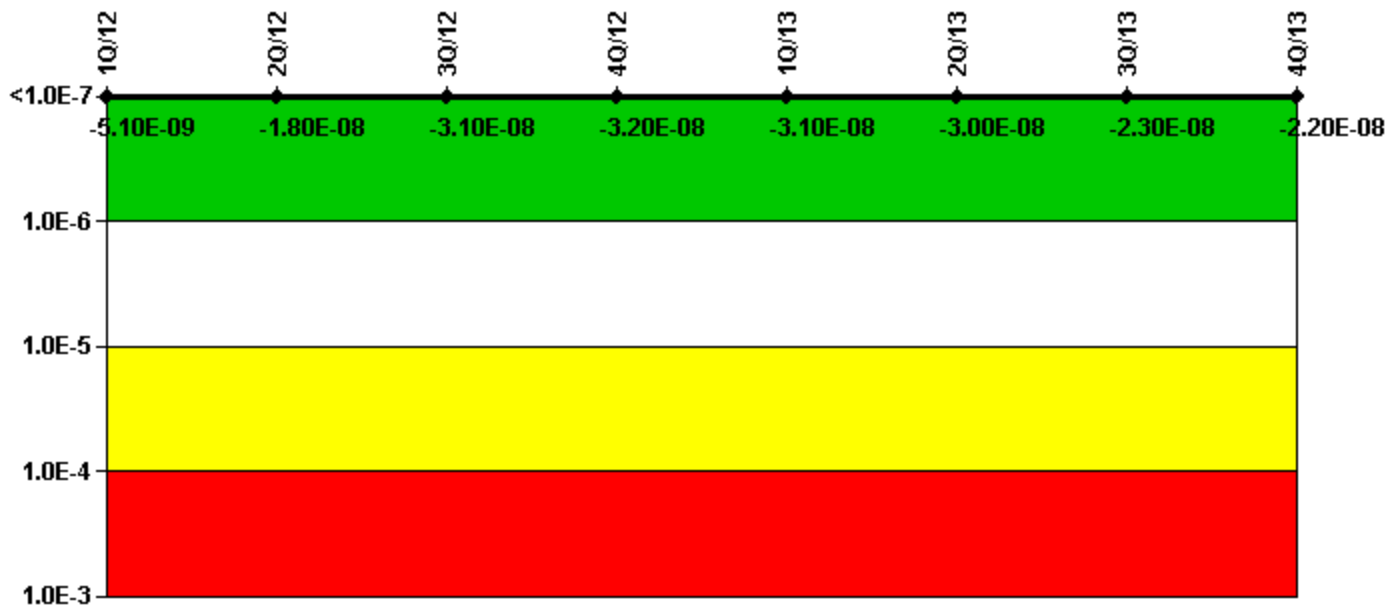
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-2.01E-08	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08
URI (Δ CDF)	-3.88E-08	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	2.27E-08	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09
URI (Δ CDF)	-2.78E-08	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-09	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

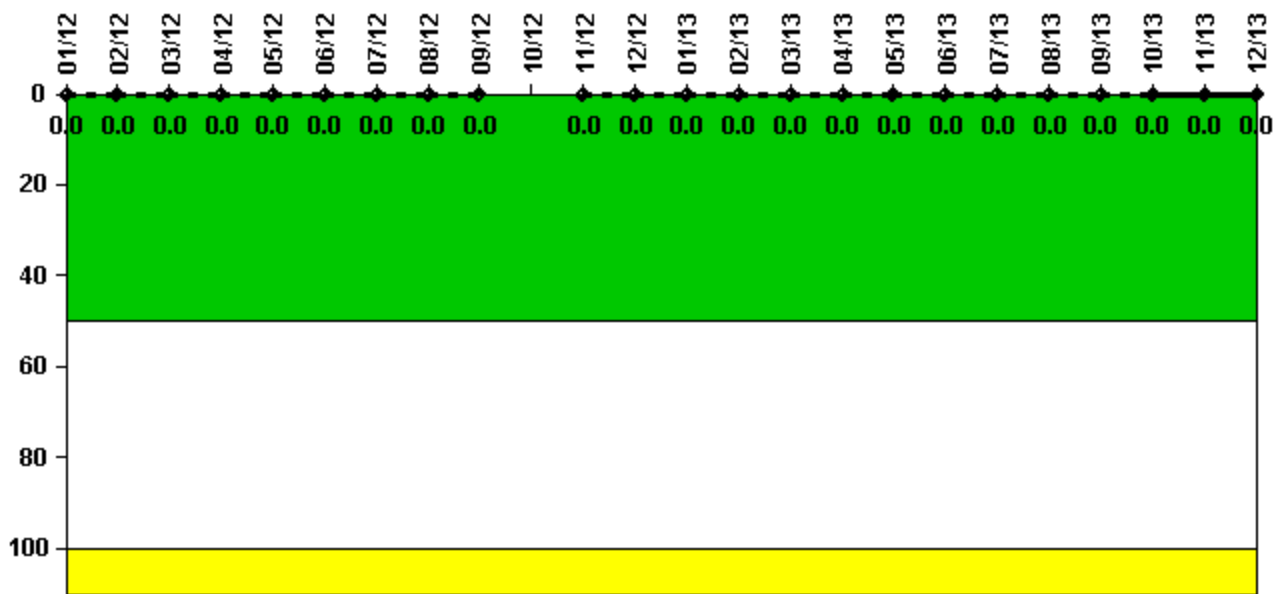
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	3.54E-10	3.54E-10	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-4.05E-08	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

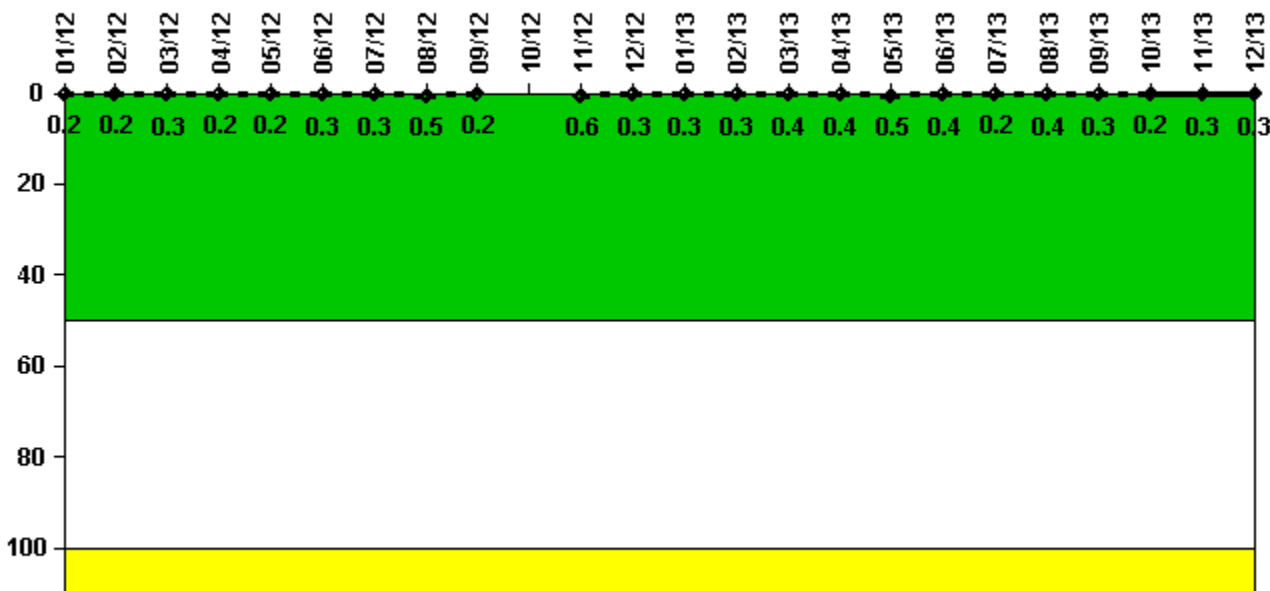
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000042	0.000062	0.000062	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059	N/A	0.000039	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

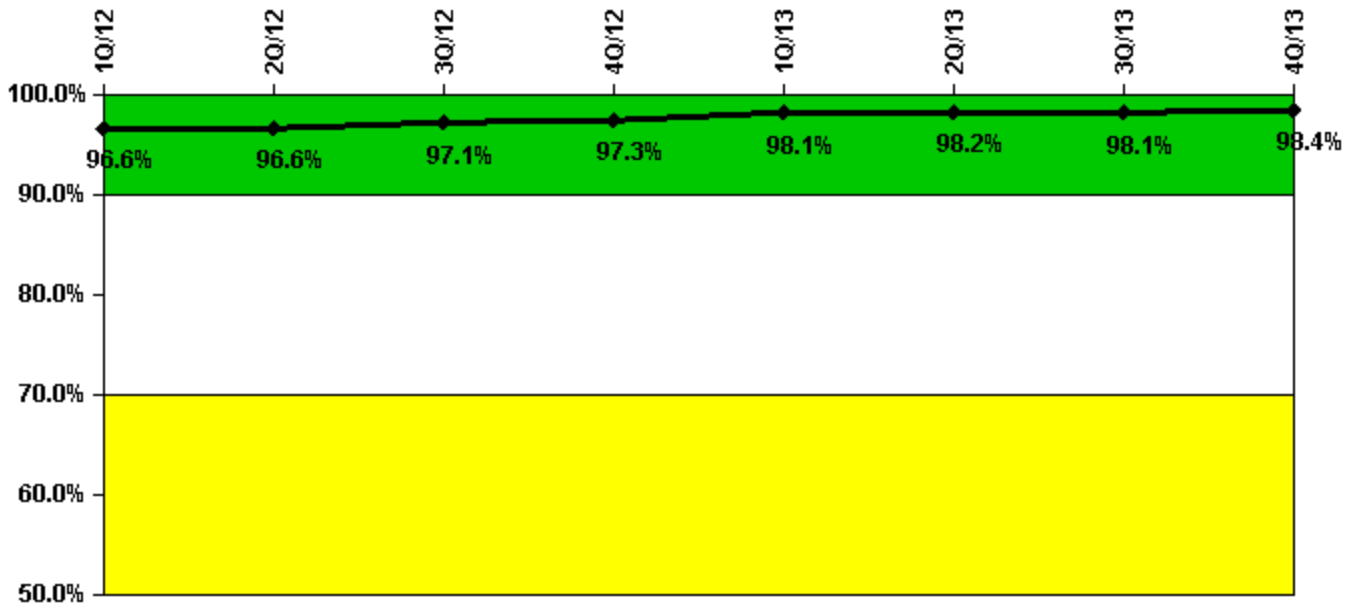
Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	0.024	0.024	0.027	0.022	0.024	0.025	0.028	0.047	0.021	N/A	0.056	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.5	0.2	N/A	0.6	0.3

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.027	0.029	0.039	0.040	0.045	0.035	0.024	0.043	0.034	0.024	0.033	0.032
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.4	0.5	0.4	0.2	0.4	0.3	0.2	0.3	0.3

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



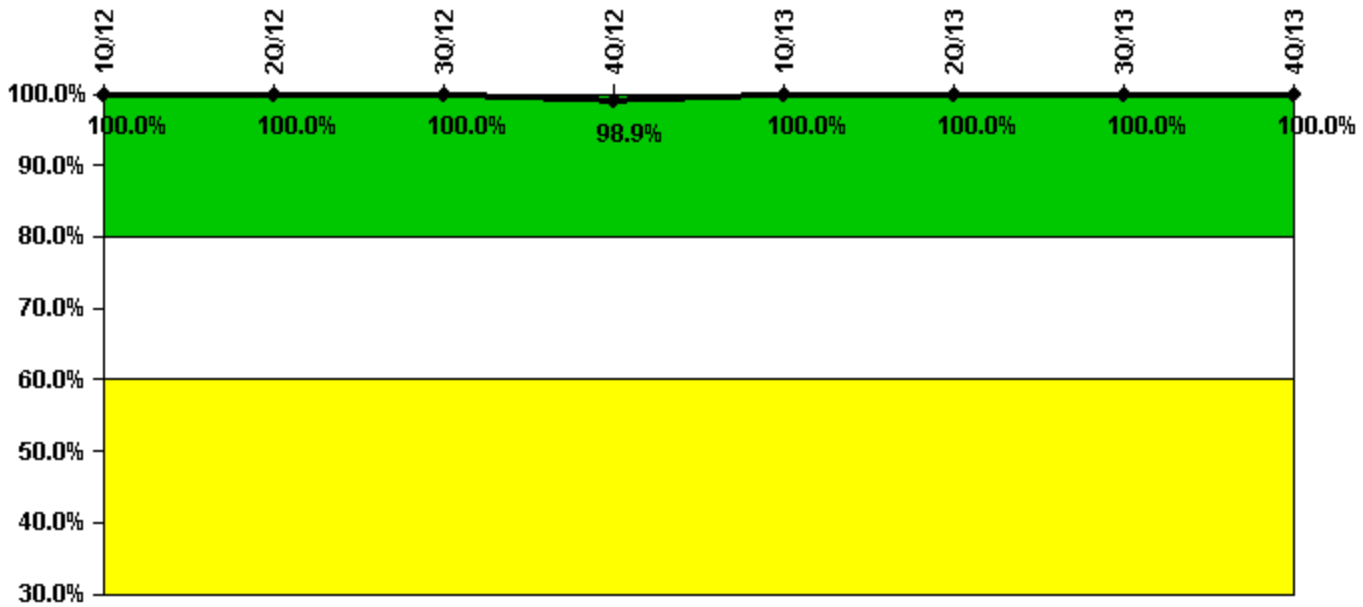
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	41.0	29.0	22.0	36.0	29.0	27.0	16.0	44.0
Total opportunities	42.0	31.0	22.0	36.0	29.0	27.0	17.0	44.0
Indicator value	96.6%	96.6%	97.1%	97.3%	98.1%	98.2%	98.1%	98.4%

Licensee Comments: none

ERO Drill Participation



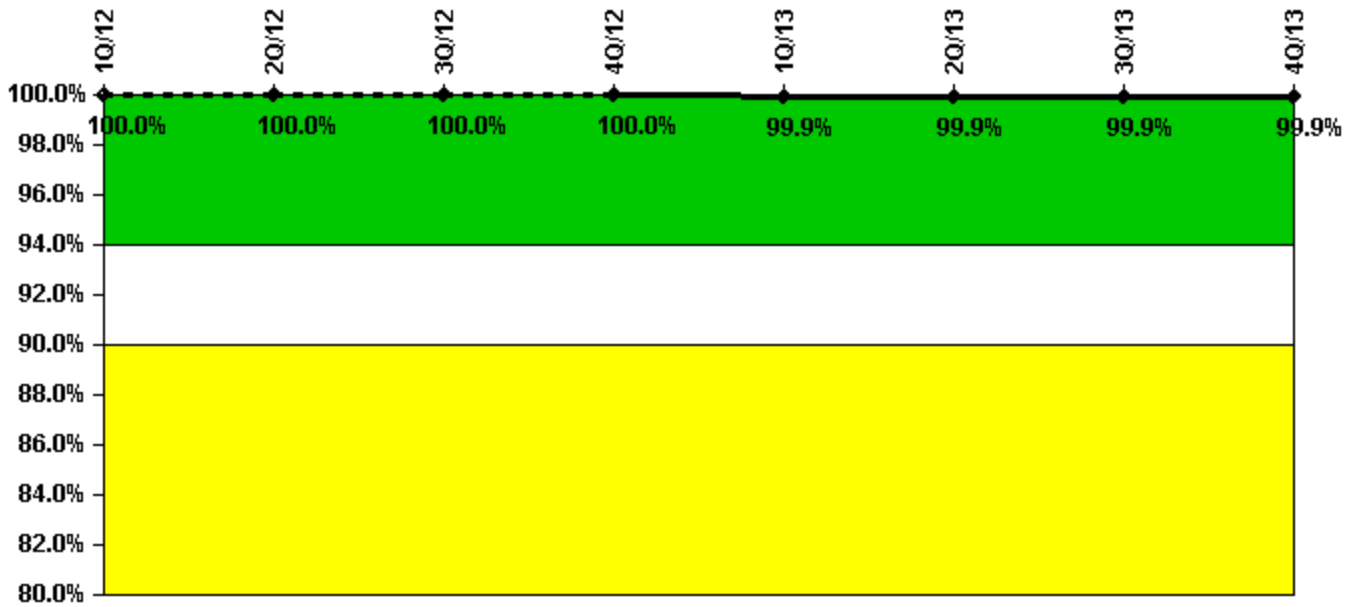
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	95.0	94.0	94.0	89.0	91.0	94.0	95.0	94.0
Total Key personnel	95.0	94.0	94.0	90.0	91.0	94.0	95.0	94.0
Indicator value	100.0%	100.0%	100.0%	98.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



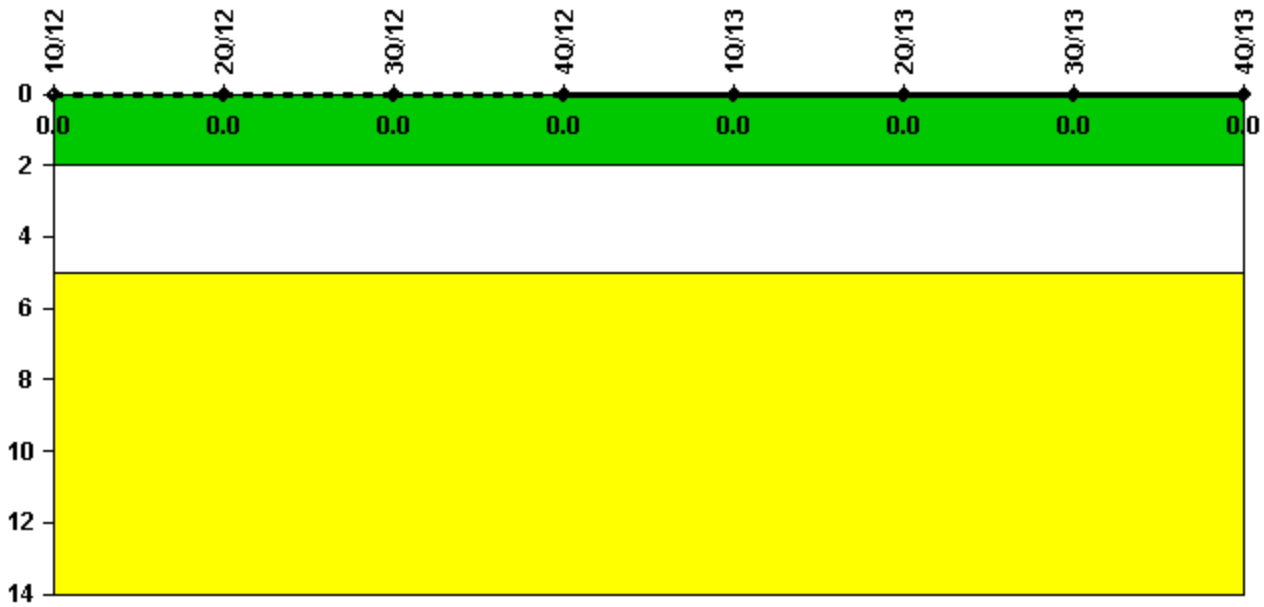
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	726	847	726	846	724	847	726	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



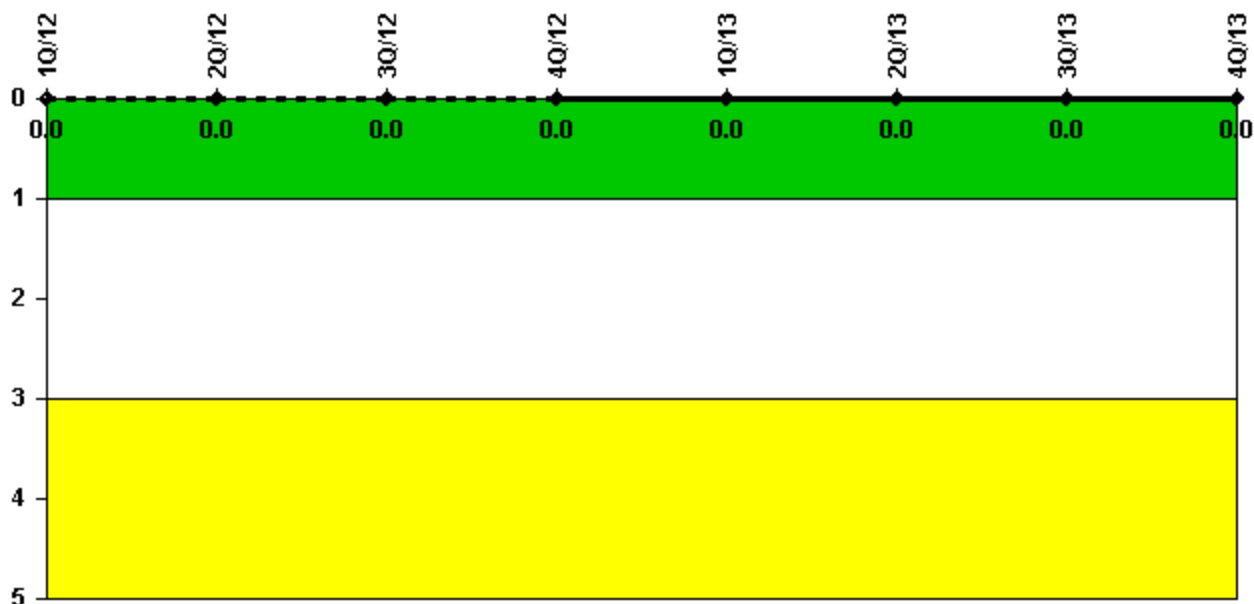
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 22, 2014

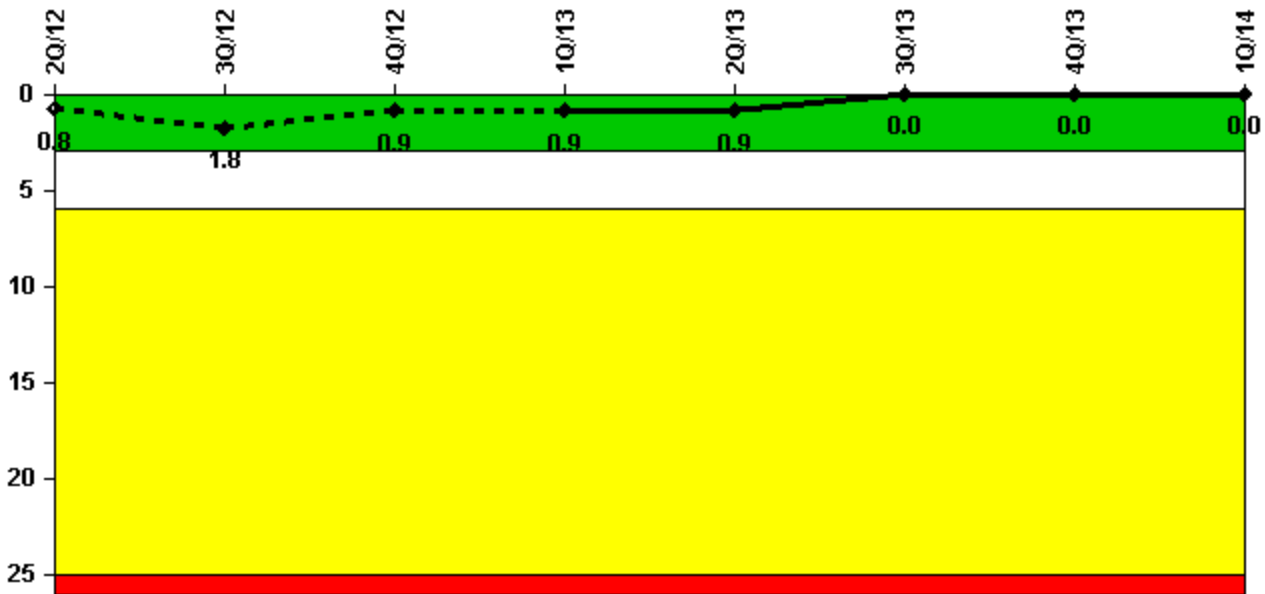
Seabrook 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



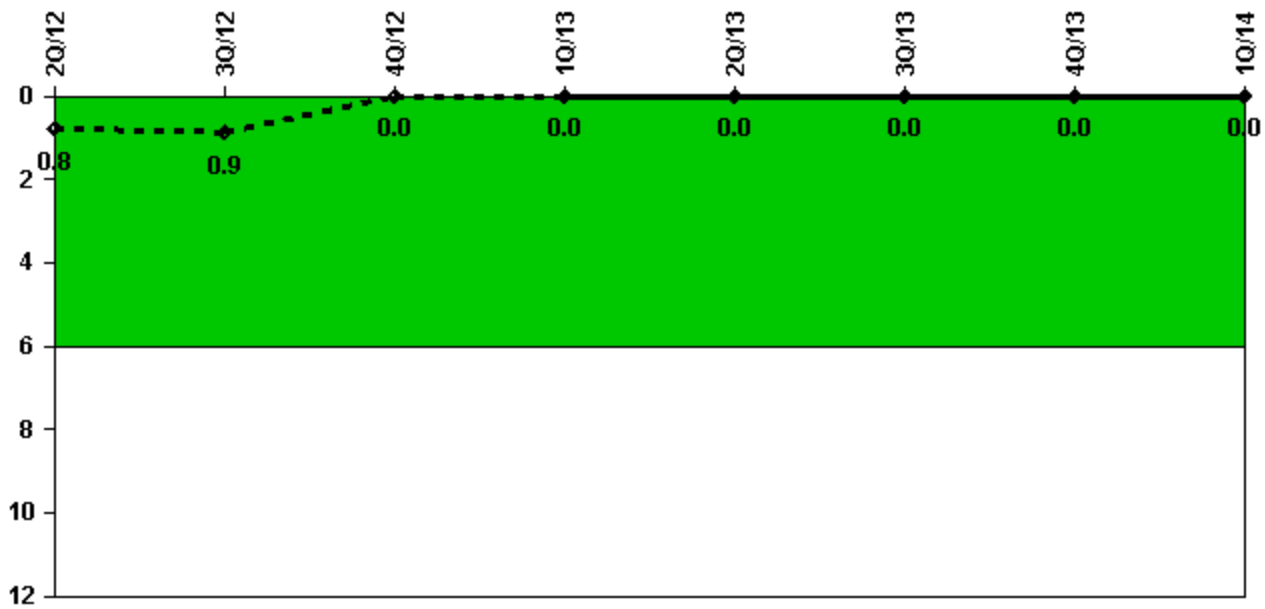
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	1.8	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



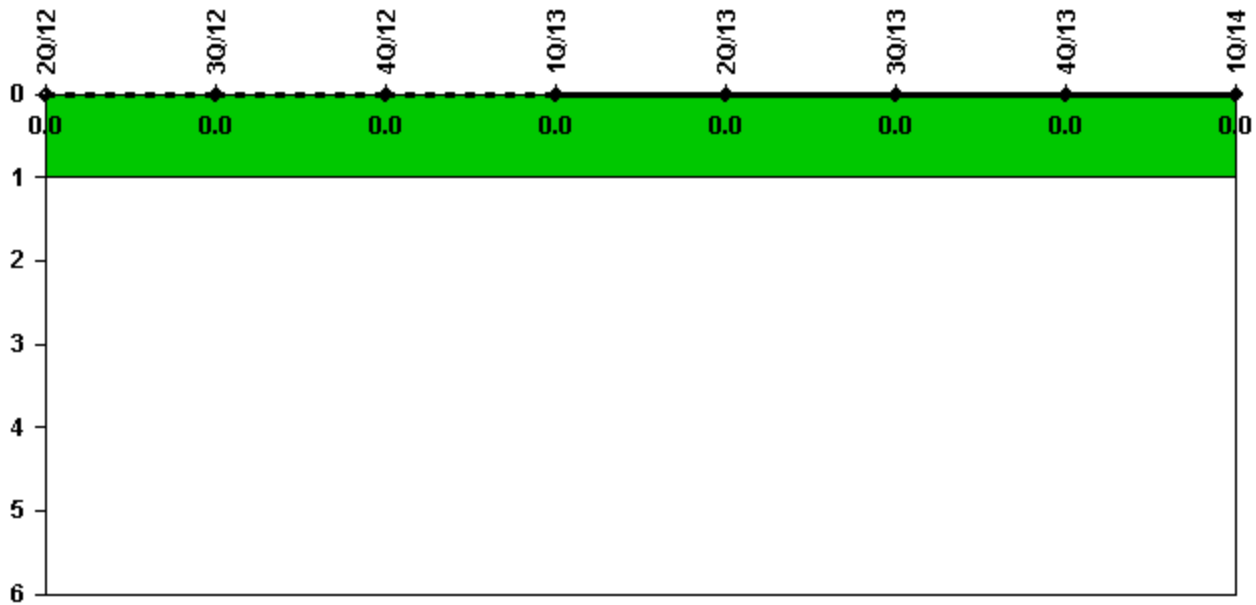
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



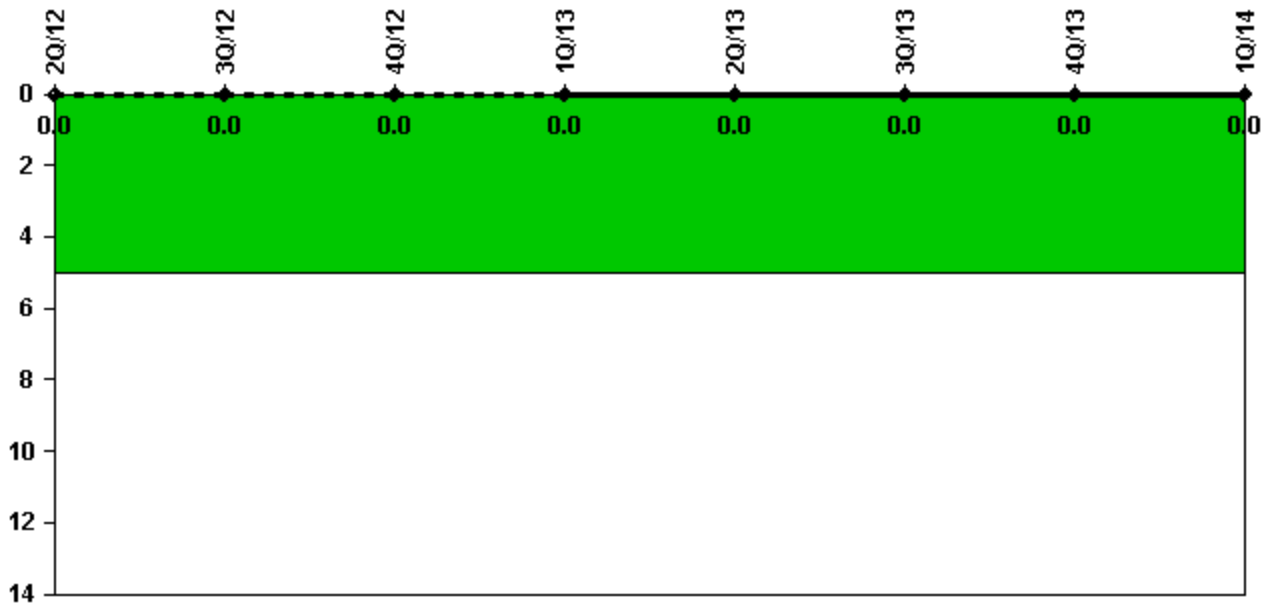
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



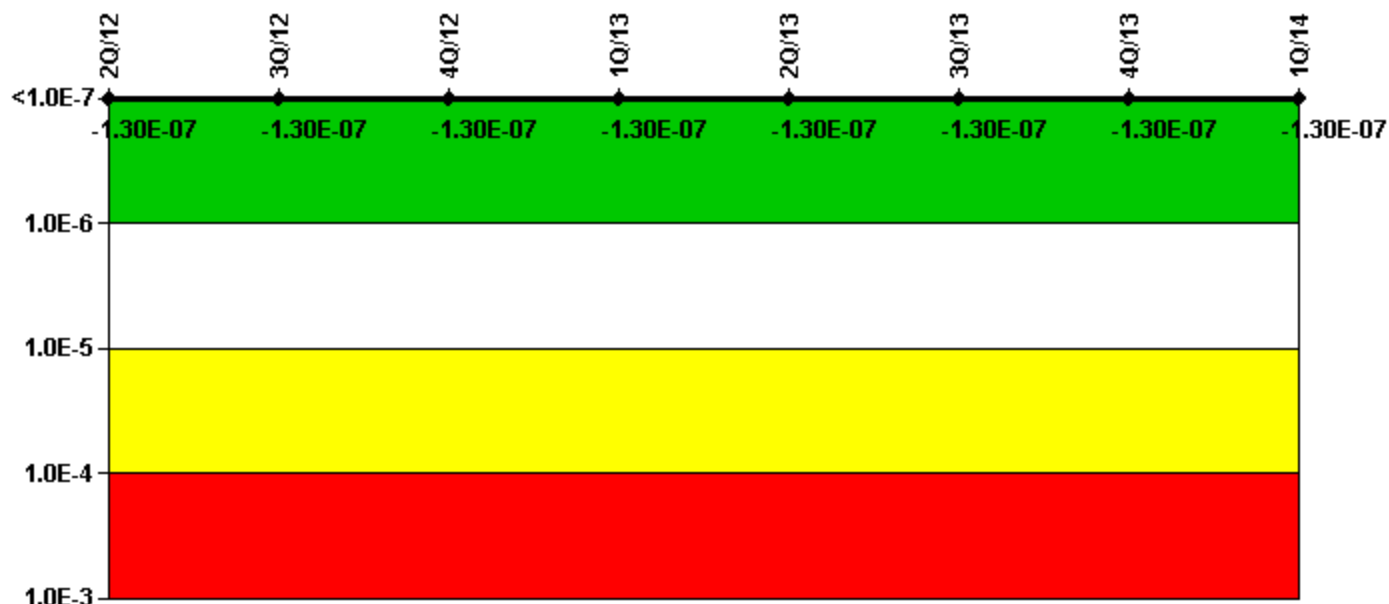
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

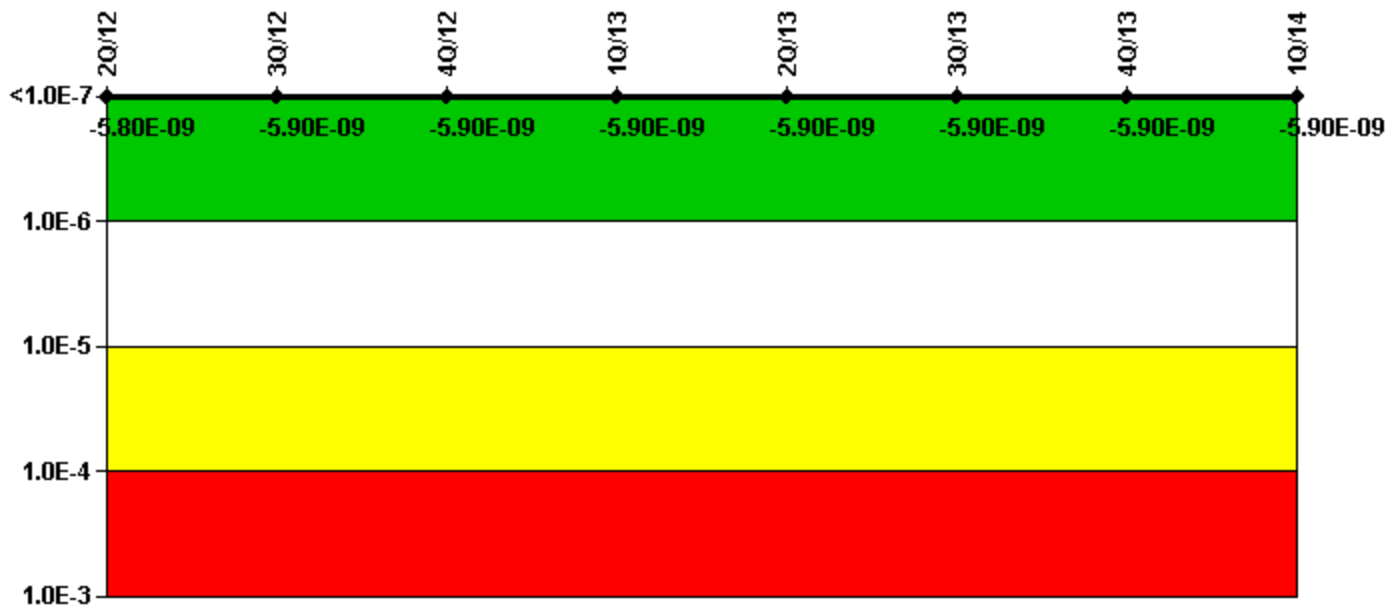
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

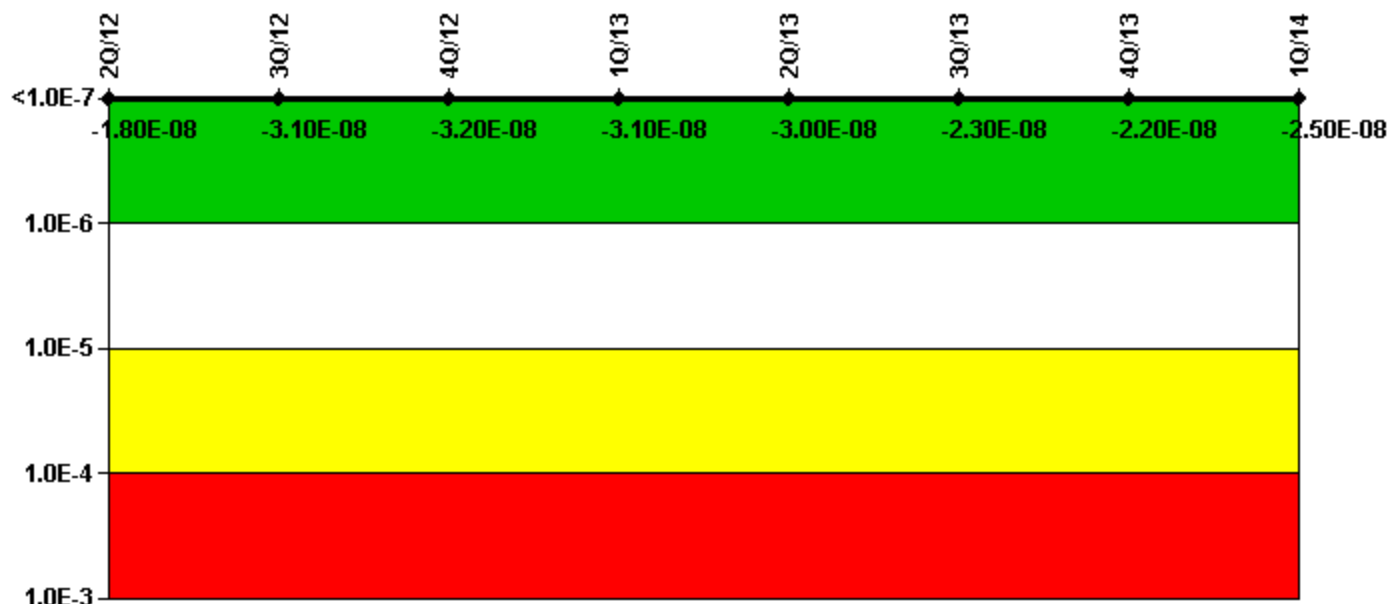
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08	-4.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08	-6.10E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

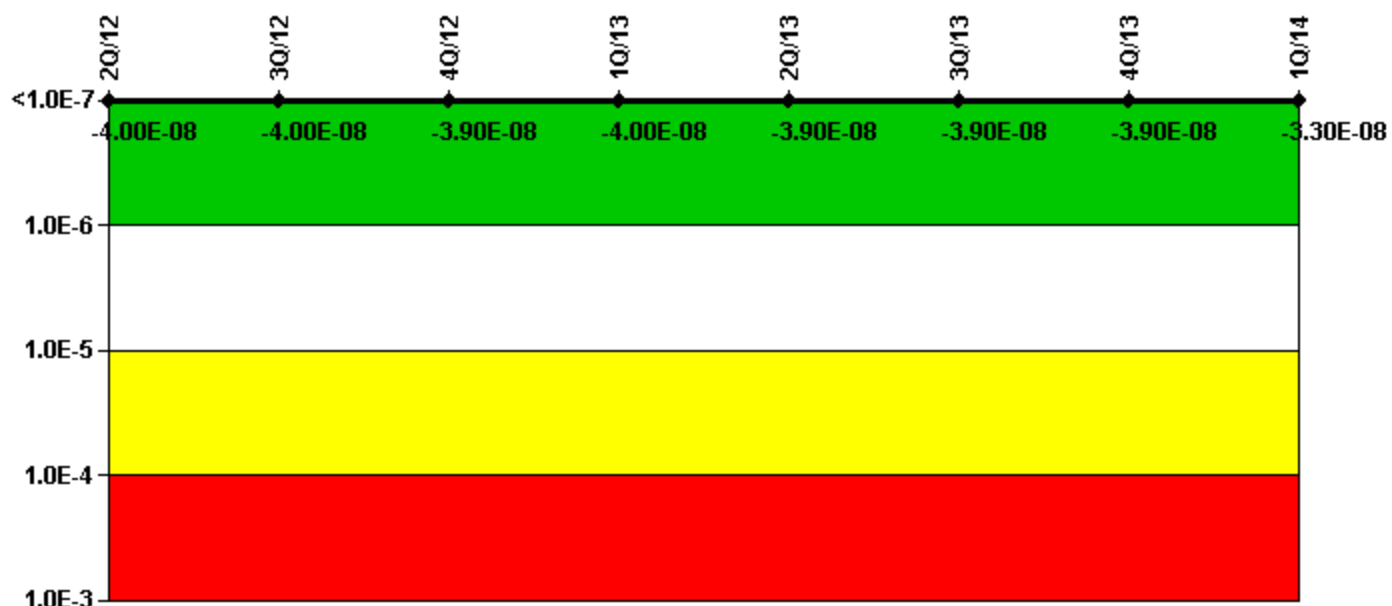
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09	3.53E-09
URI (Δ CDF)	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

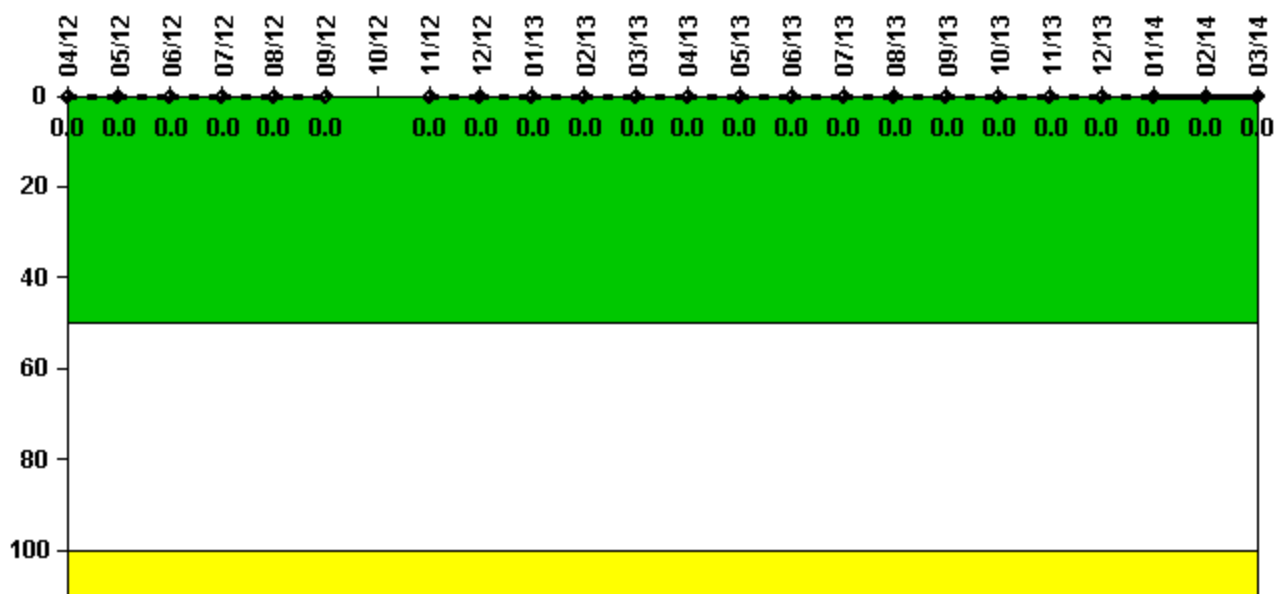
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	3.54E-10	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

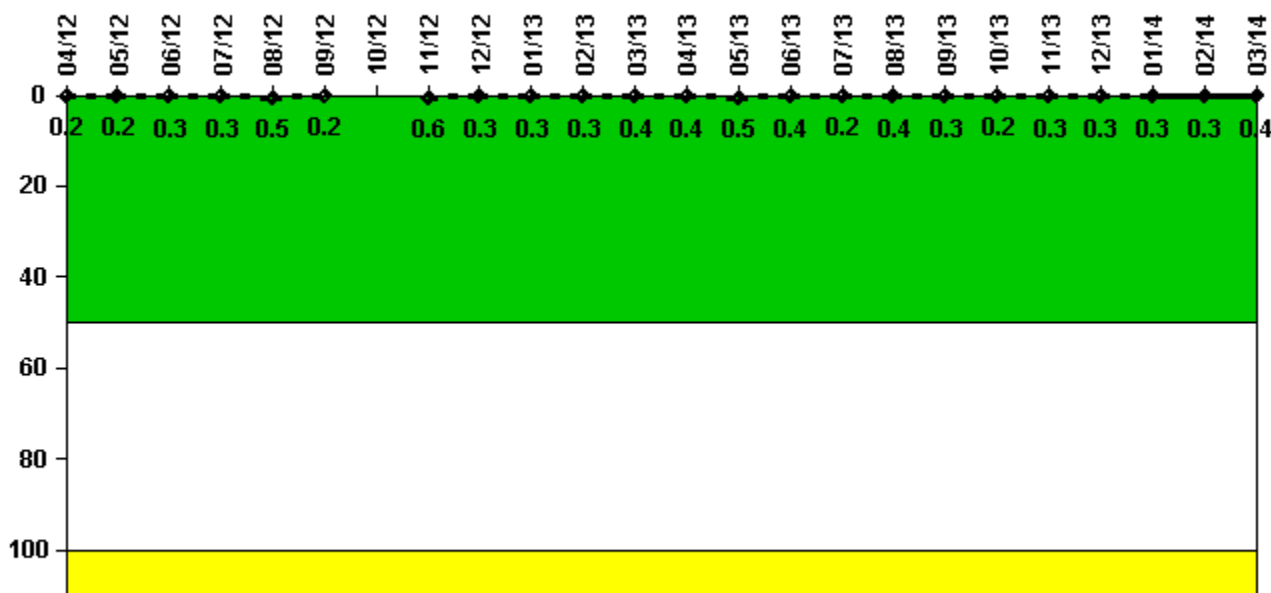
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059	N/A	0.000039	0.000062	0.000045	0.000045	0.000052
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

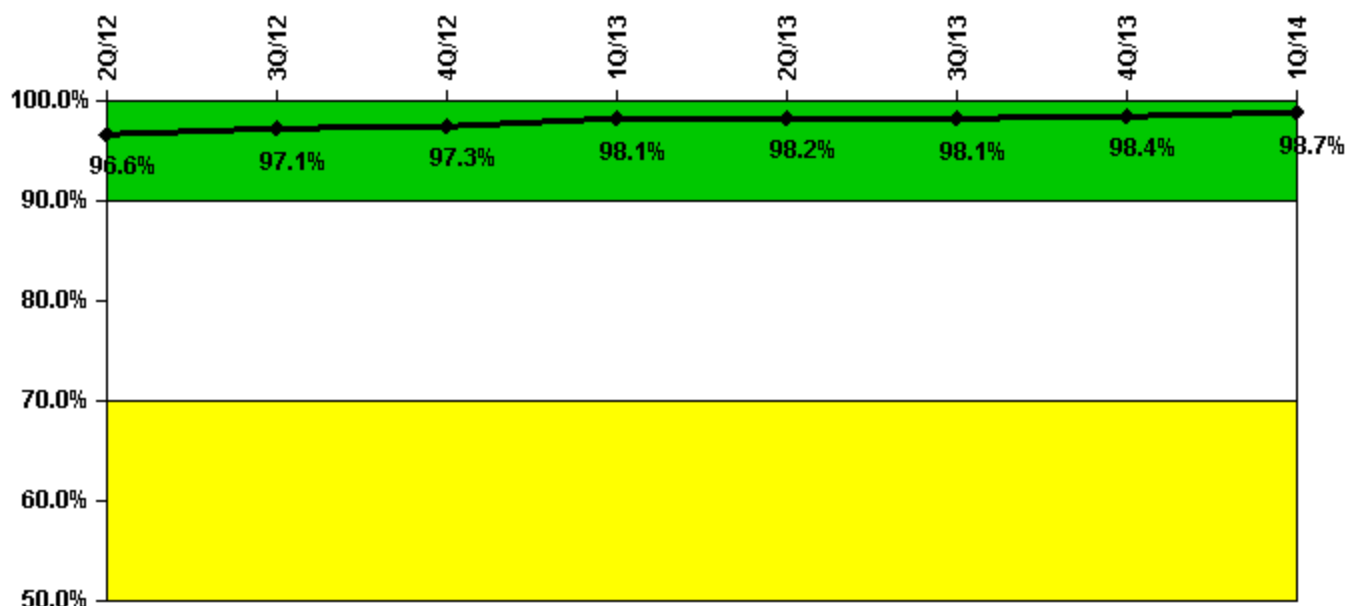
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.022	0.024	0.025	0.028	0.047	0.021	N/A	0.056	0.029	0.027	0.029	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.3	0.5	0.2	N/A	0.6	0.3	0.3	0.3	0.4

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.040	0.045	0.035	0.024	0.043	0.034	0.024	0.033	0.032	0.026	0.026	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.4	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.4

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



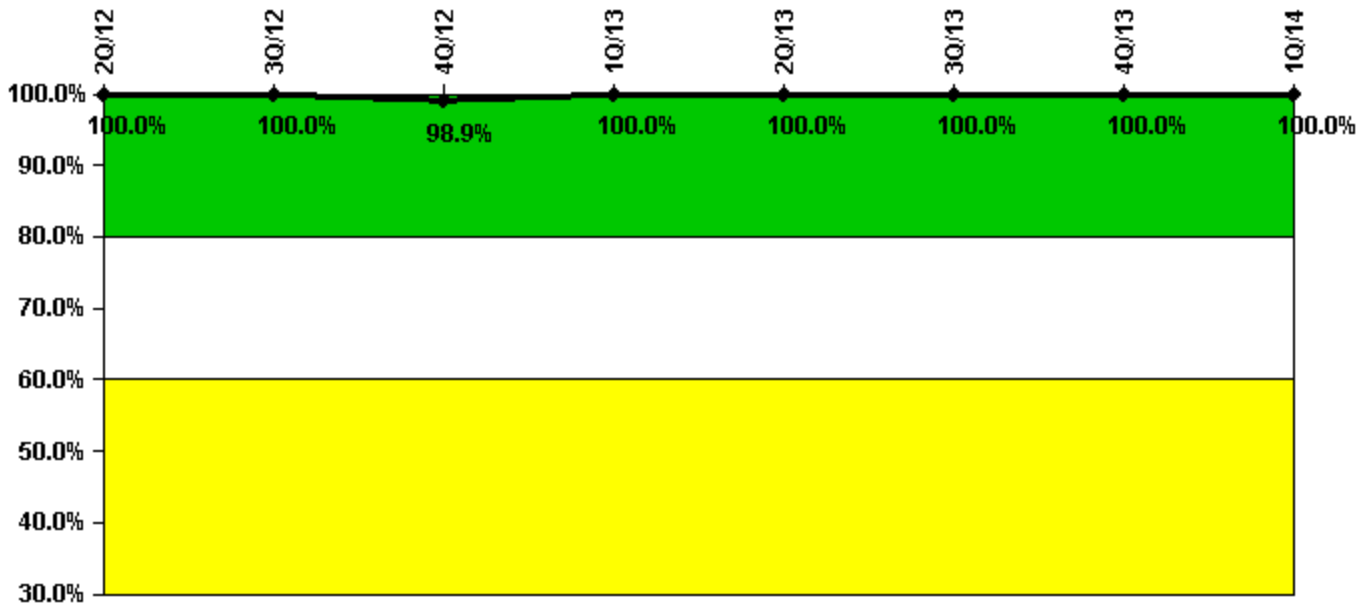
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	29.0	22.0	36.0	29.0	27.0	16.0	44.0	17.0
Total opportunities	31.0	22.0	36.0	29.0	27.0	17.0	44.0	17.0
Indicator value	96.6%	97.1%	97.3%	98.1%	98.2%	98.1%	98.4%	98.7%

Licensee Comments: none

ERO Drill Participation



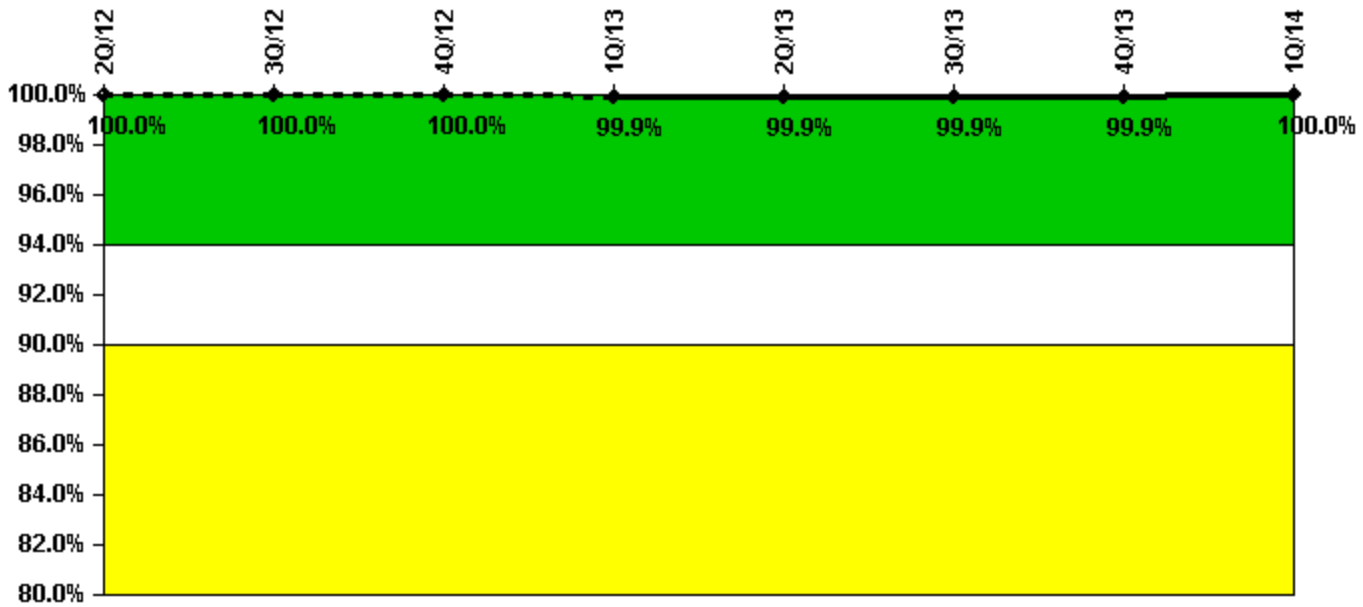
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	94.0	94.0	89.0	91.0	94.0	95.0	94.0	92.0
Total Key personnel	94.0	94.0	90.0	91.0	94.0	95.0	94.0	92.0
Indicator value	100.0%	100.0%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



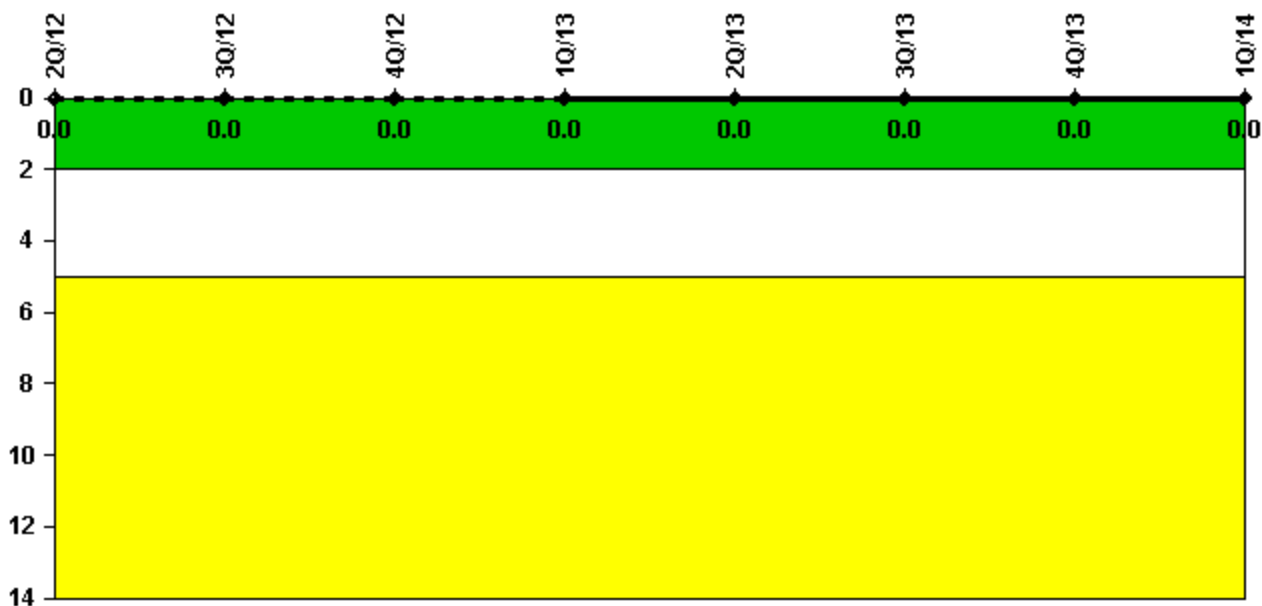
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	847	726	846	724	847	726	847	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



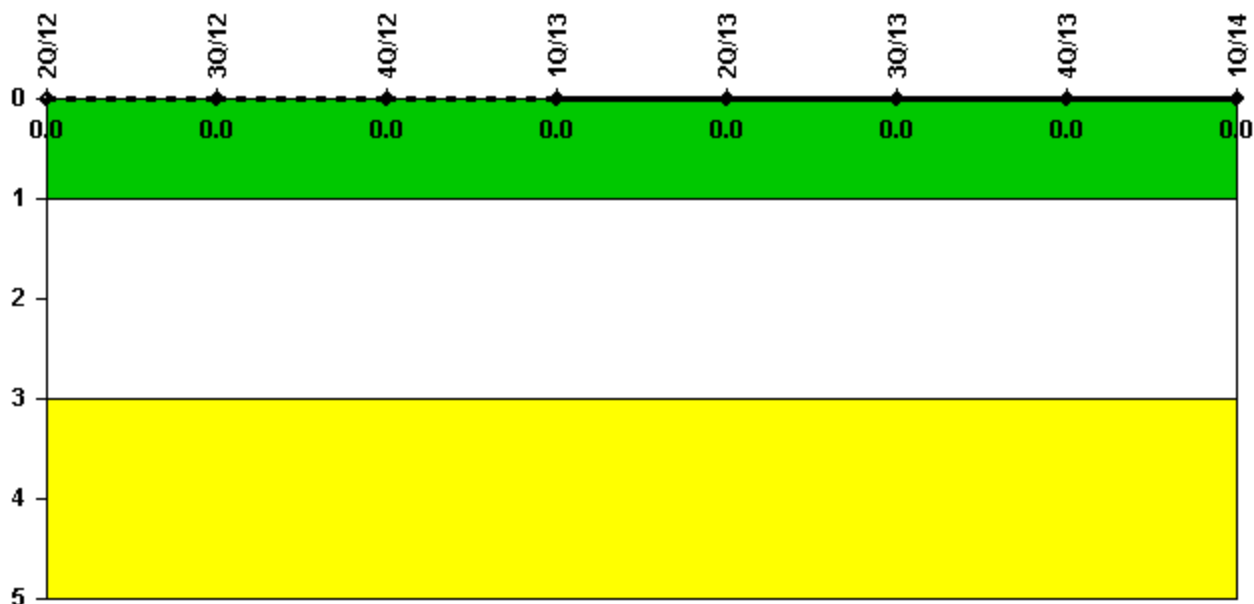
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2014

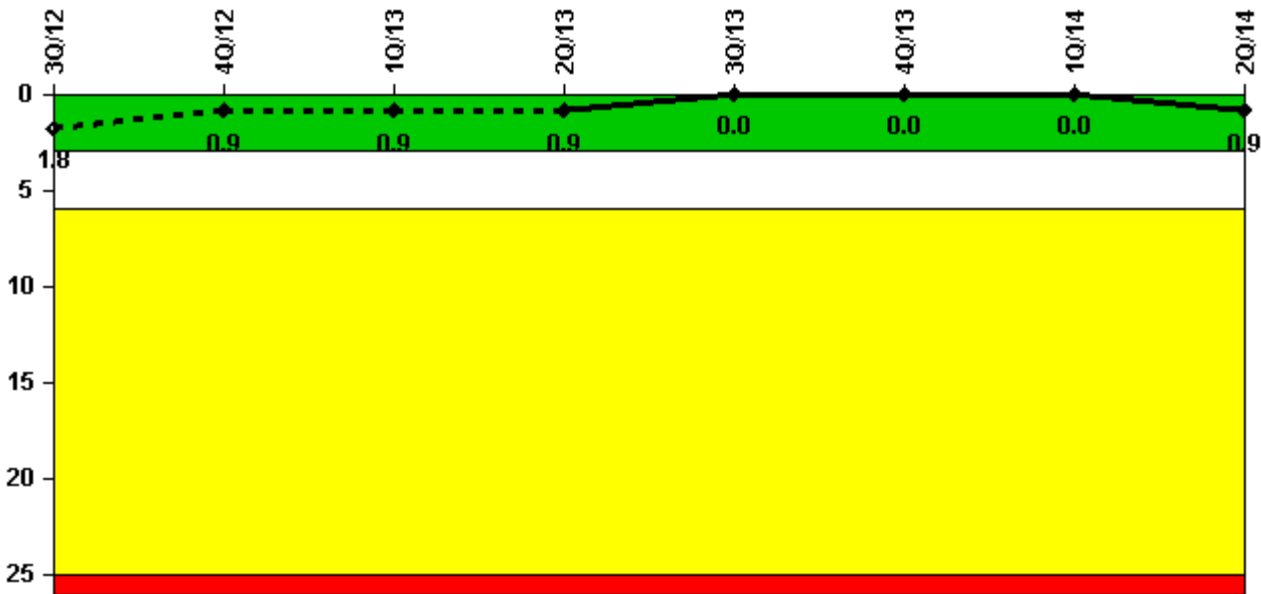
Seabrook 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



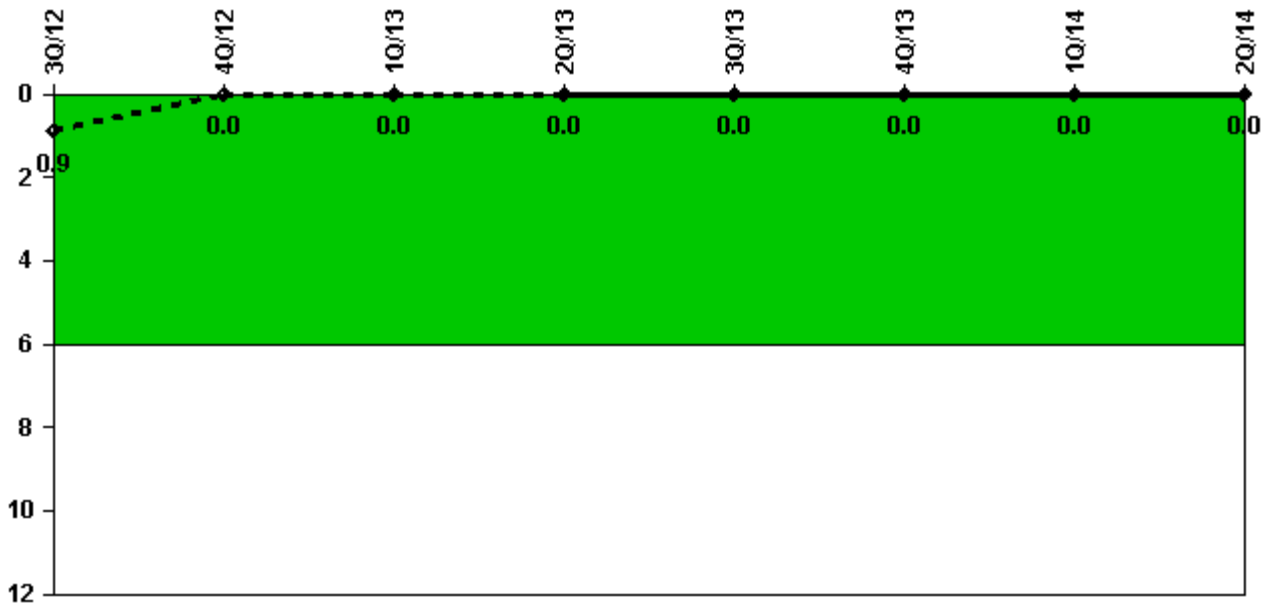
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0
Indicator value	1.8	0.9	0.9	0.9	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



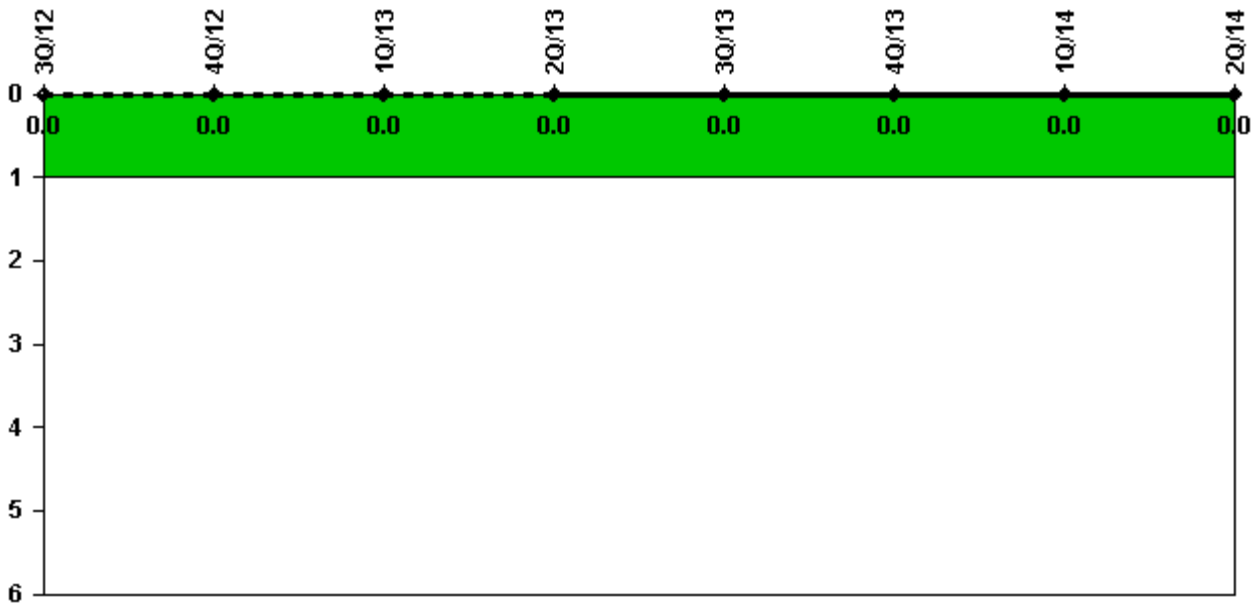
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



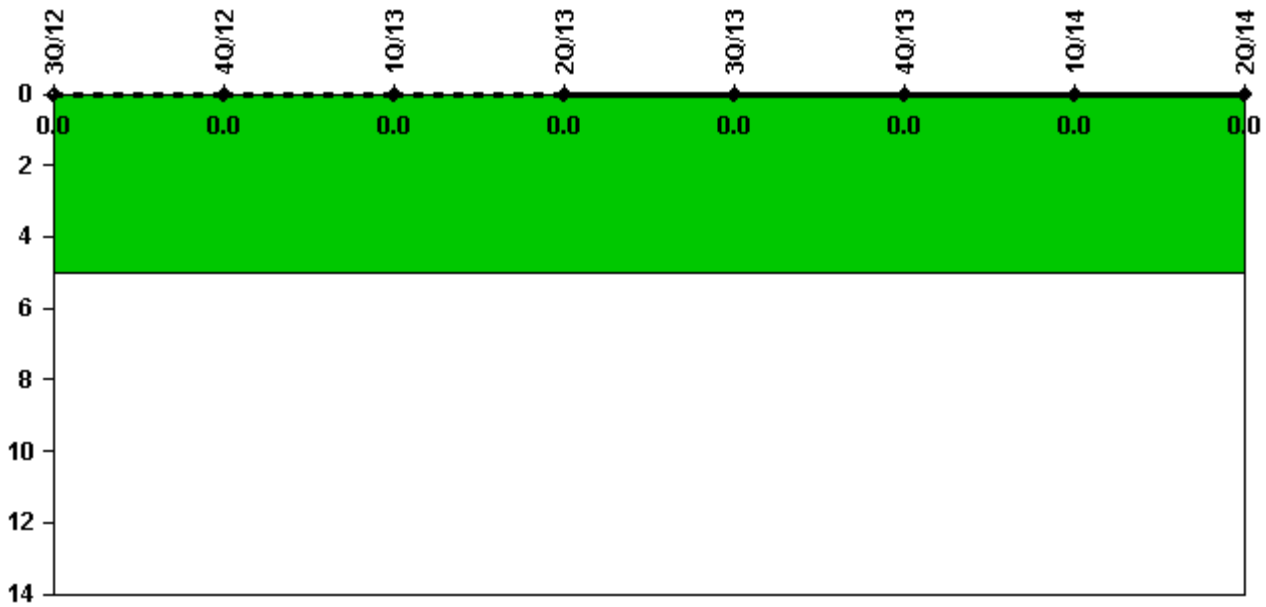
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



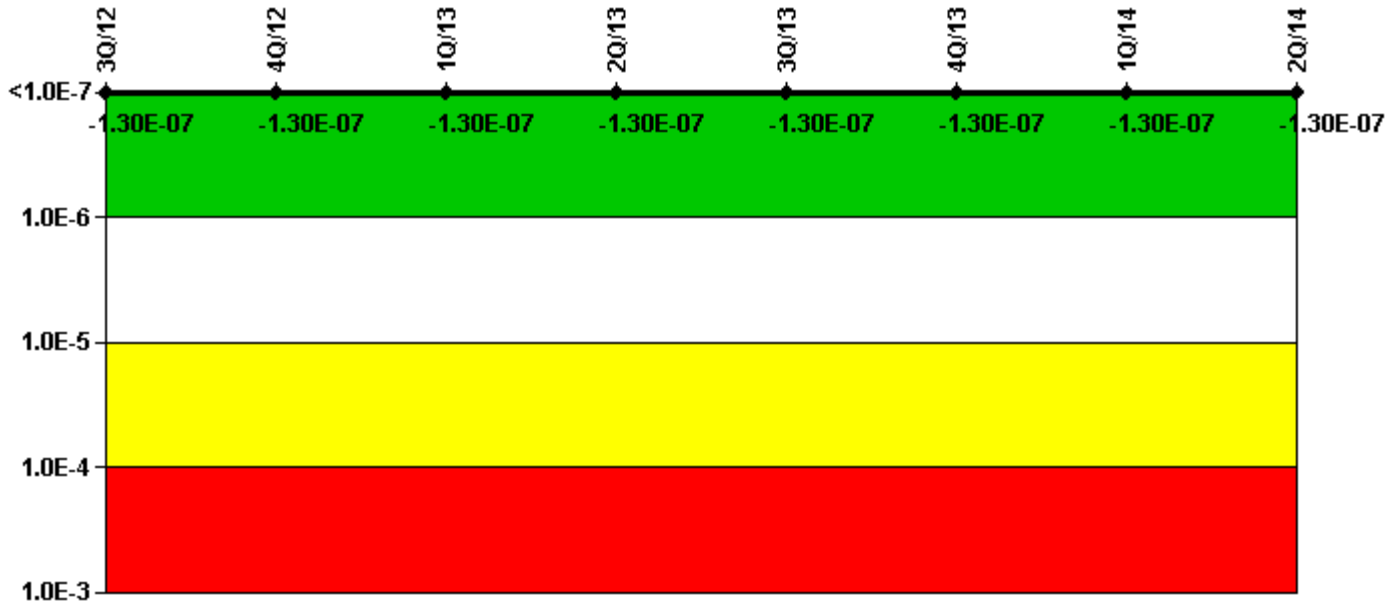
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



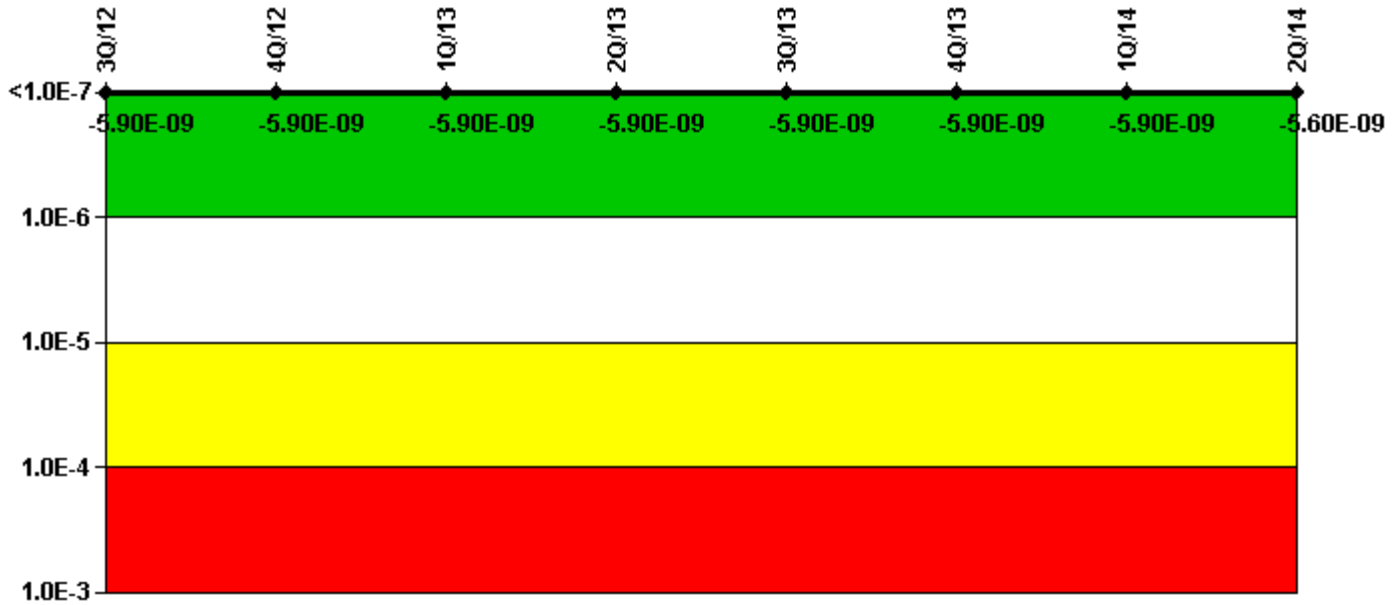
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08	-9.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



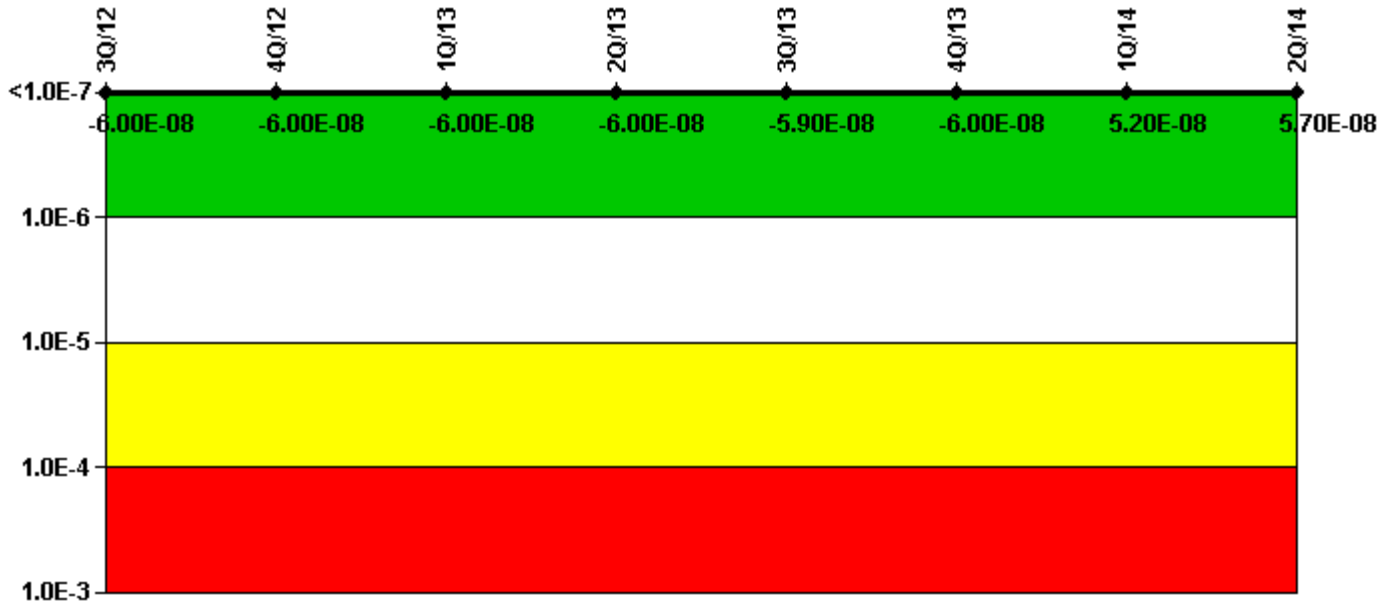
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09	-2.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

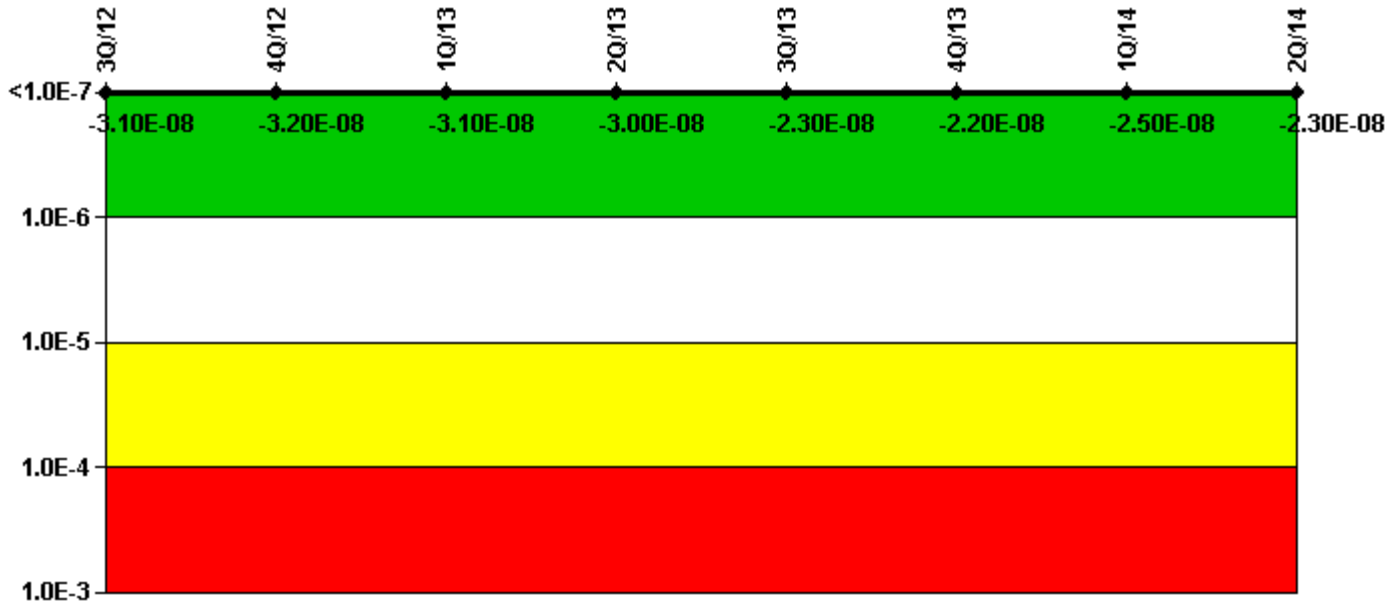
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08	7.26E-08	7.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08	5.20E-08	5.70E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



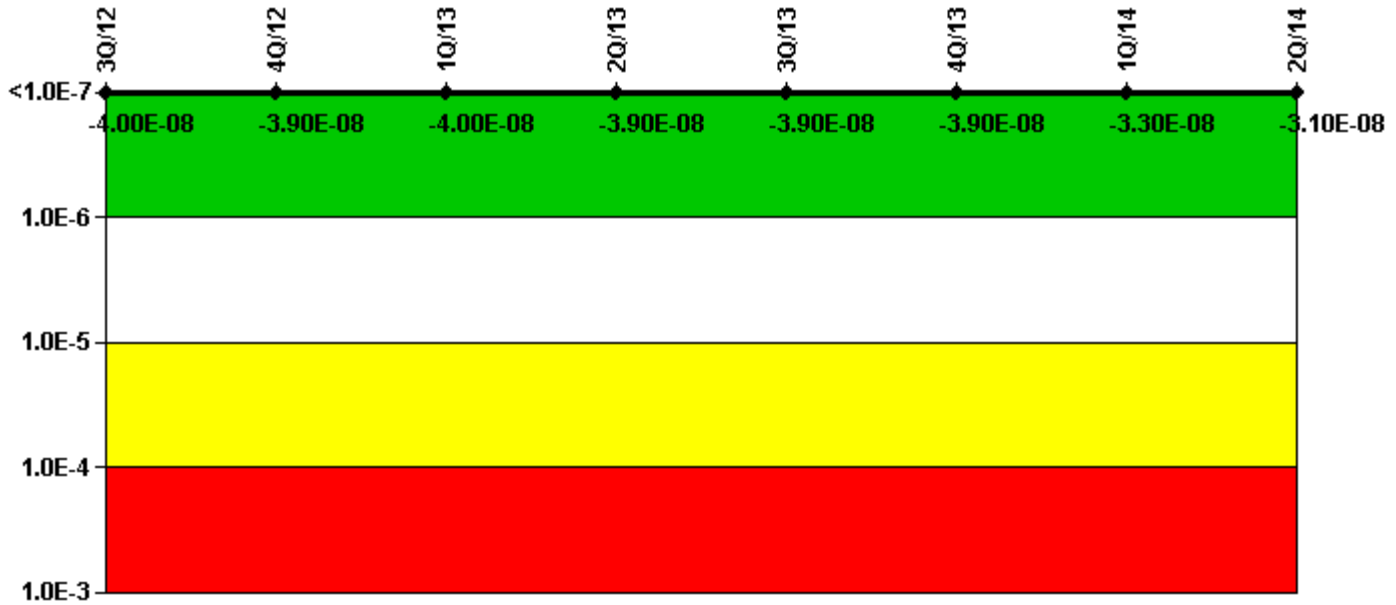
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09	3.53E-09	2.01E-09
URI (Δ CDF)	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08	-2.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08	-2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



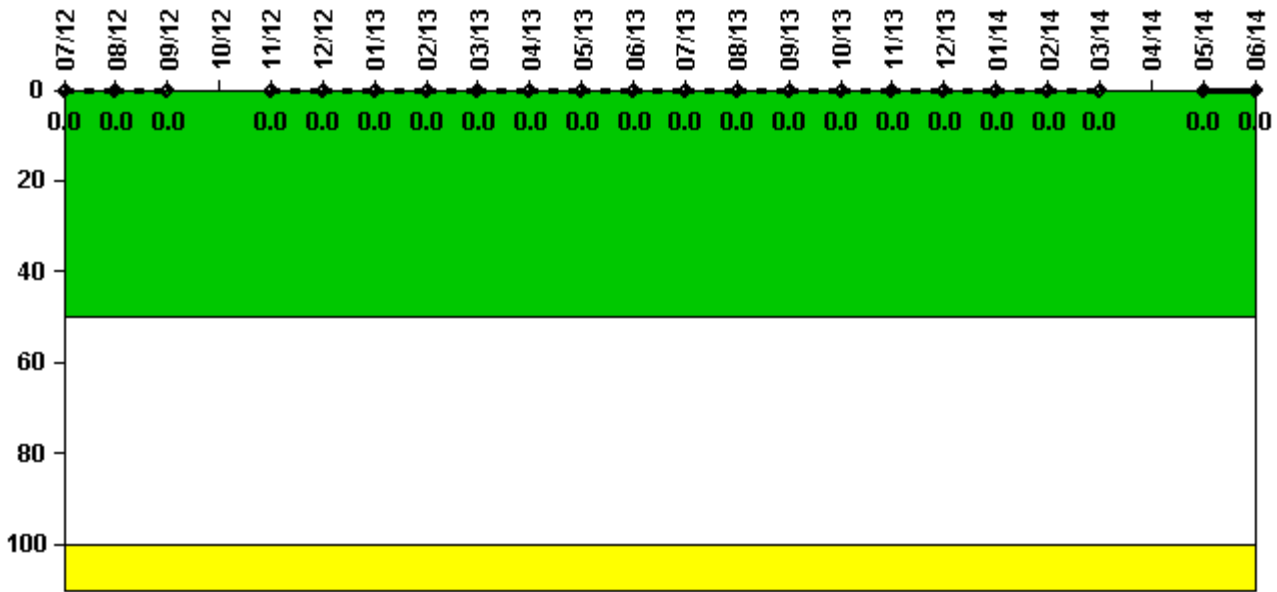
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08	-3.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08	-3.10E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000062	0.000080	0.000059	N/A	0.000039	0.000062	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

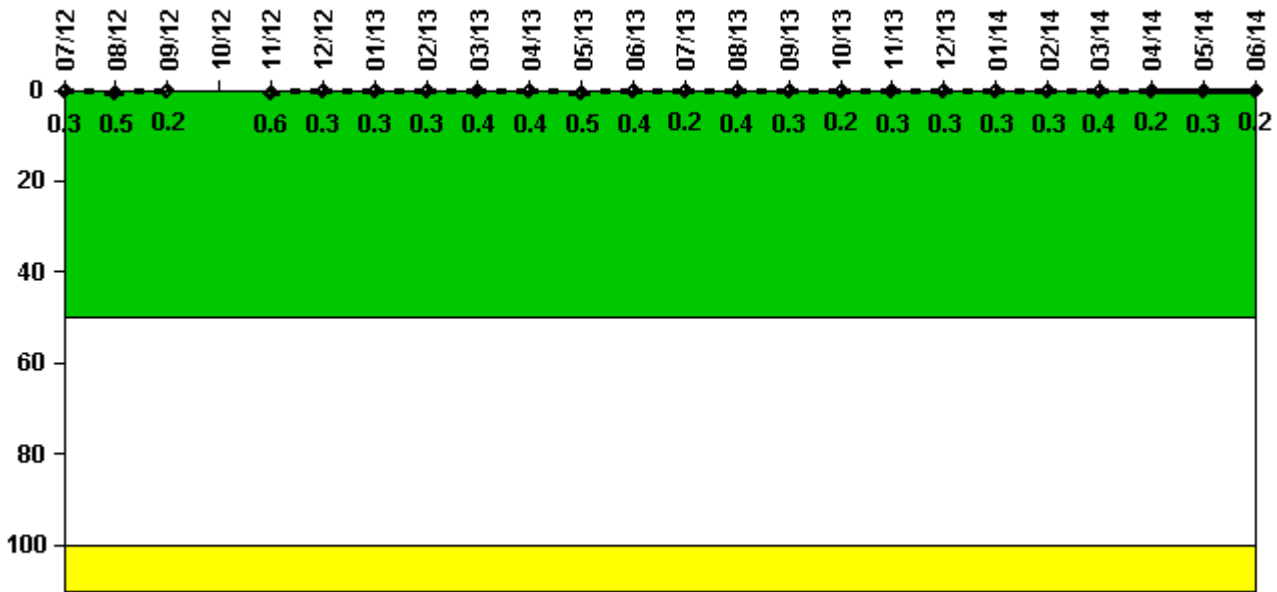
Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094	N/A	0.000028	0.000033
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

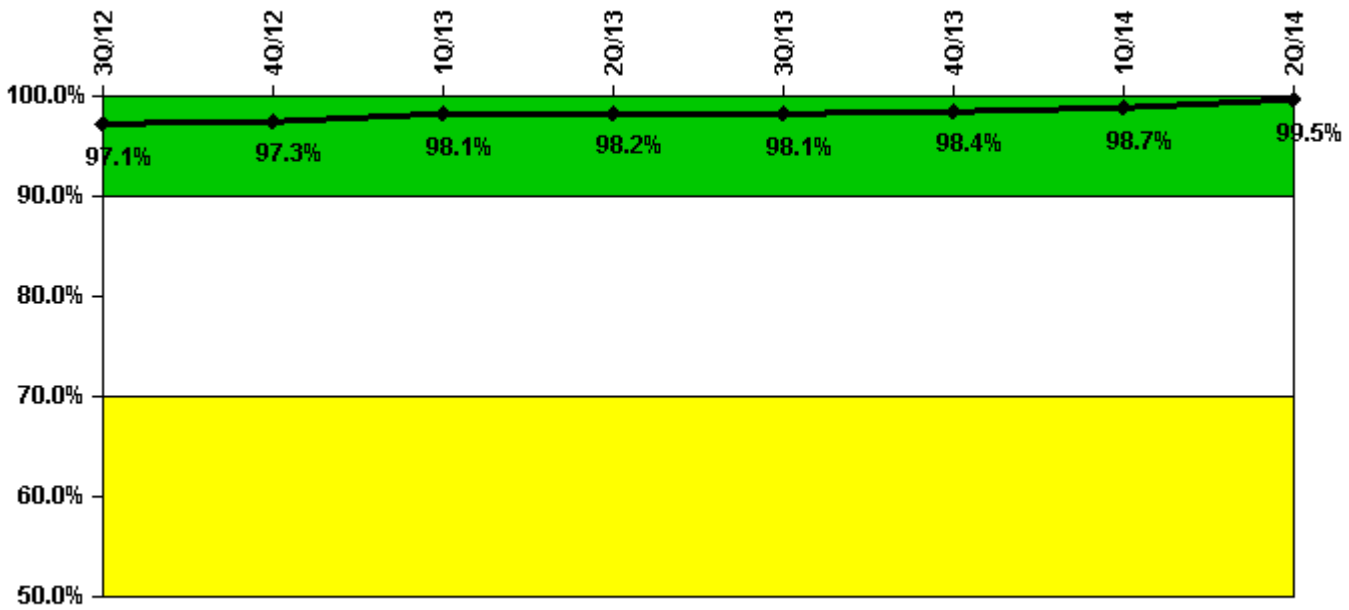
Notes

Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.028	0.047	0.021	N/A	0.056	0.029	0.027	0.029	0.039	0.040	0.045	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	N/A	0.6	0.3	0.3	0.3	0.4	0.4	0.5	0.4
Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.024	0.043	0.034	0.024	0.033	0.032	0.026	0.026	0.040	0.020	0.026	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.3	0.2

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



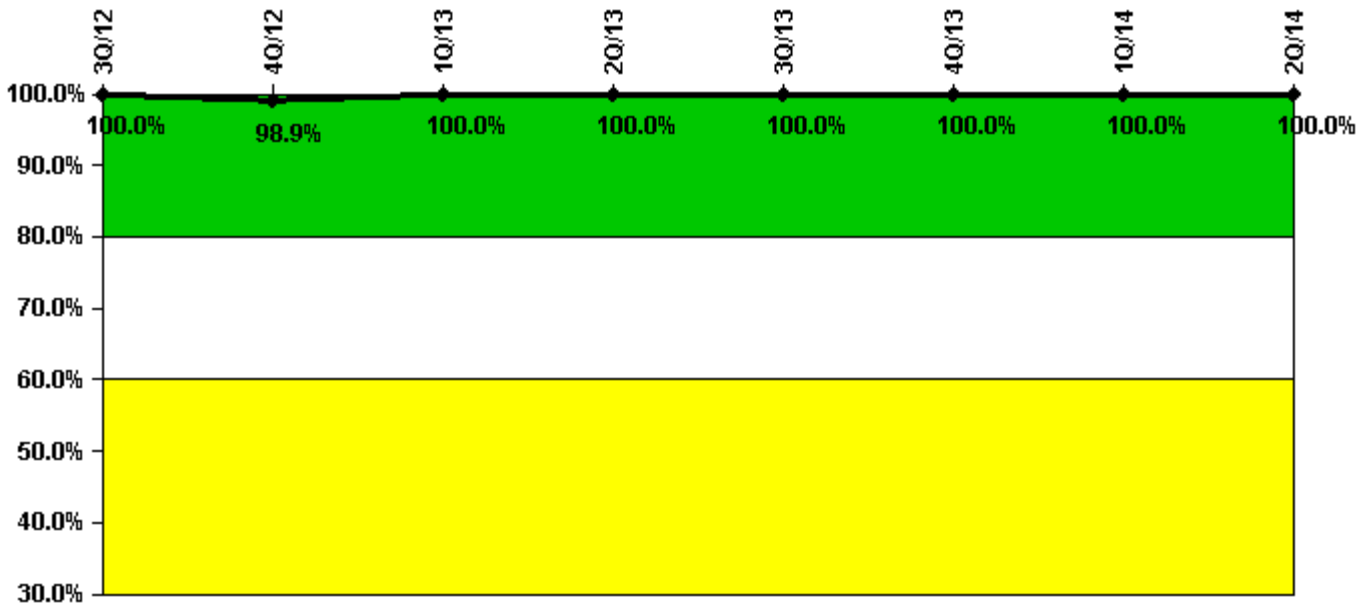
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	22.0	36.0	29.0	27.0	16.0	44.0	17.0	20.0
Total opportunities	22.0	36.0	29.0	27.0	17.0	44.0	17.0	20.0
Indicator value	97.1%	97.3%	98.1%	98.2%	98.1%	98.4%	98.7%	99.5%

Licensee Comments: none

ERO Drill Participation



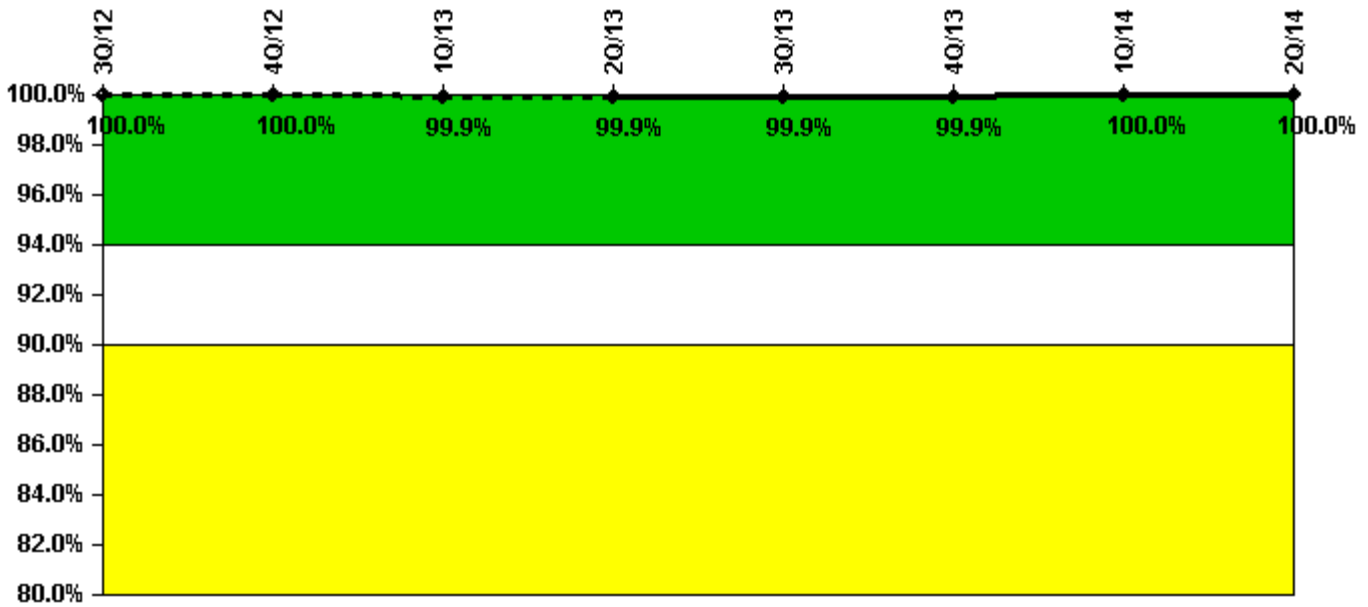
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	94.0	89.0	91.0	94.0	95.0	94.0	92.0	91.0
Total Key personnel	94.0	90.0	91.0	94.0	95.0	94.0	92.0	91.0
Indicator value	100.0%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



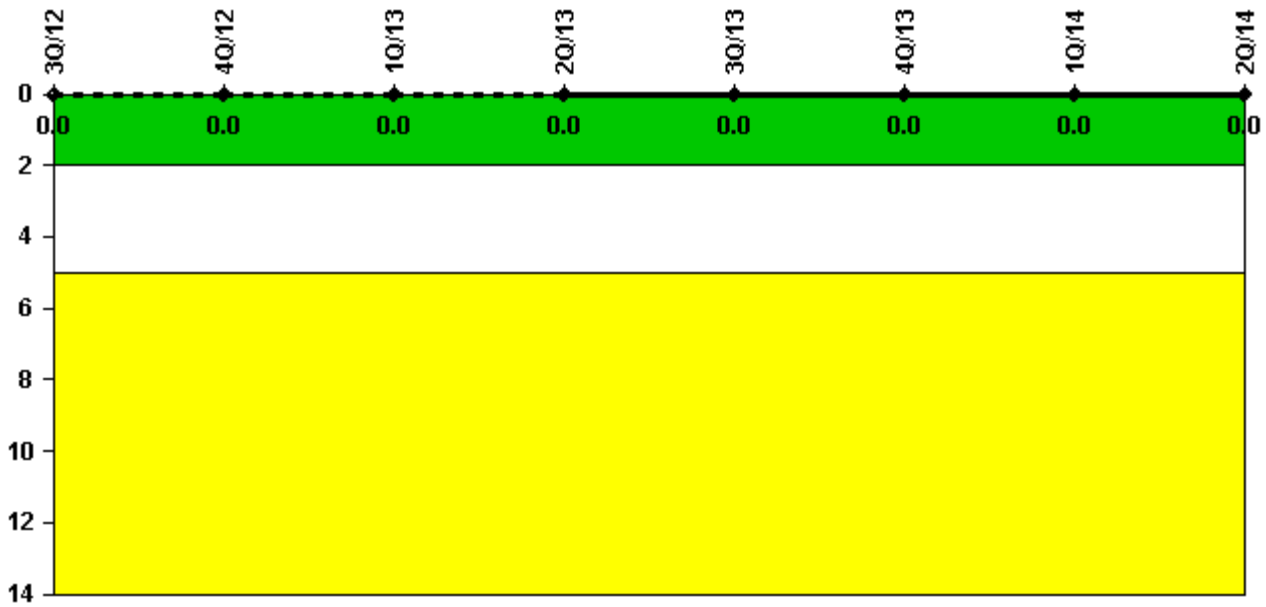
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	726	846	724	847	726	847	726	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



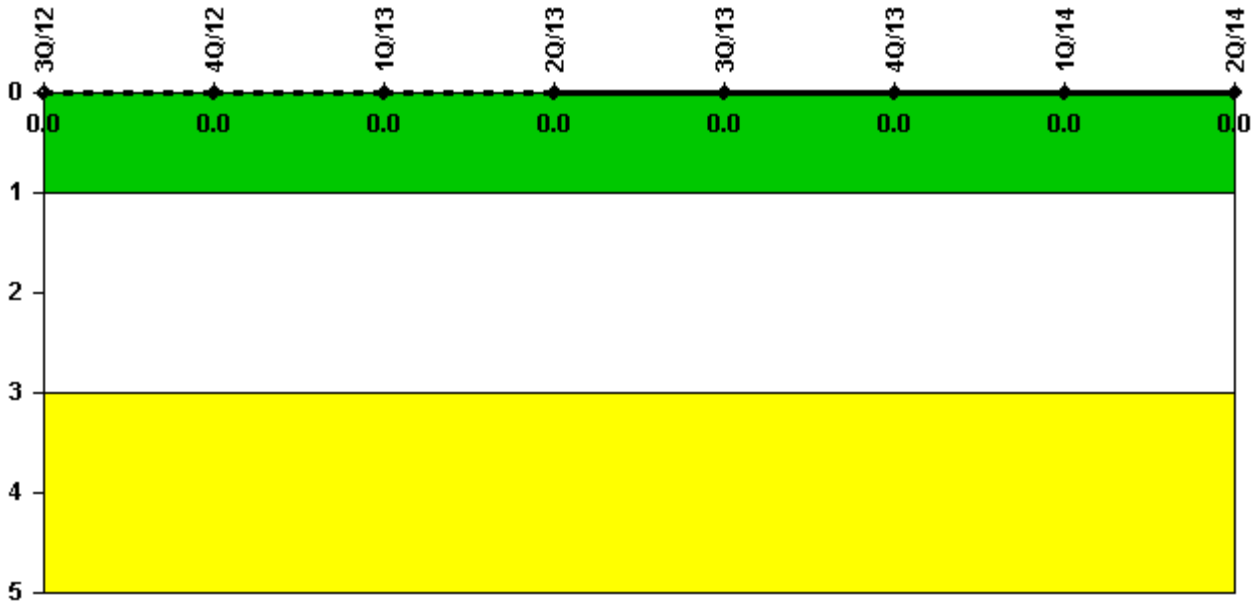
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: July 31, 2014

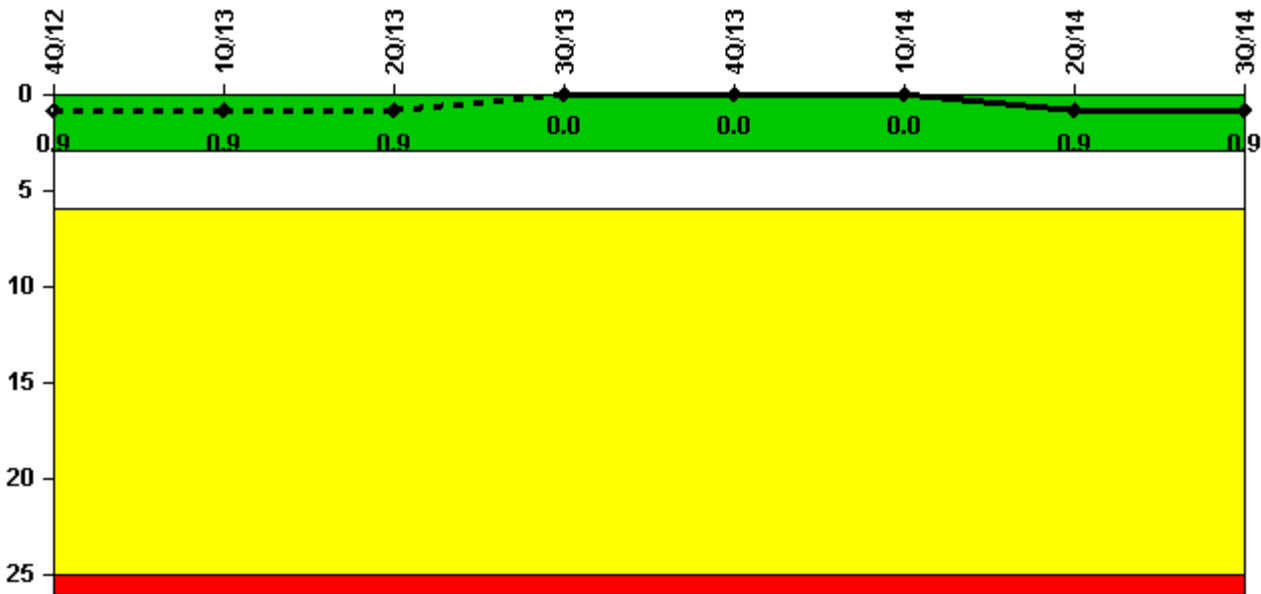
Seabrook 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



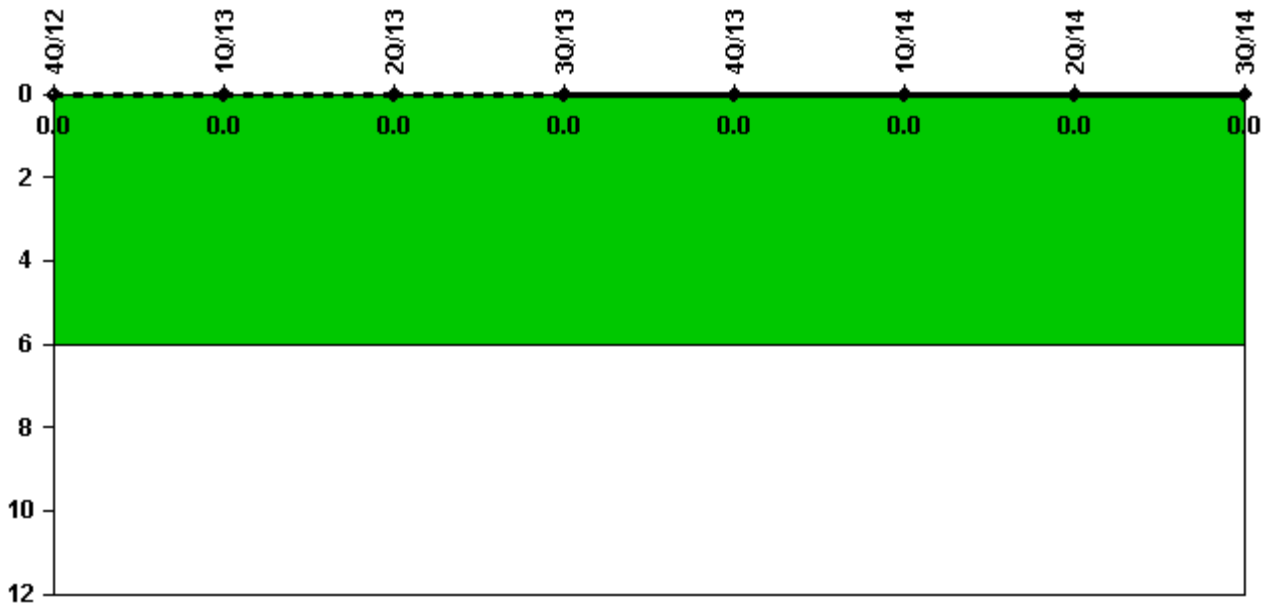
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0
Indicator value	0.9	0.9	0.9	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



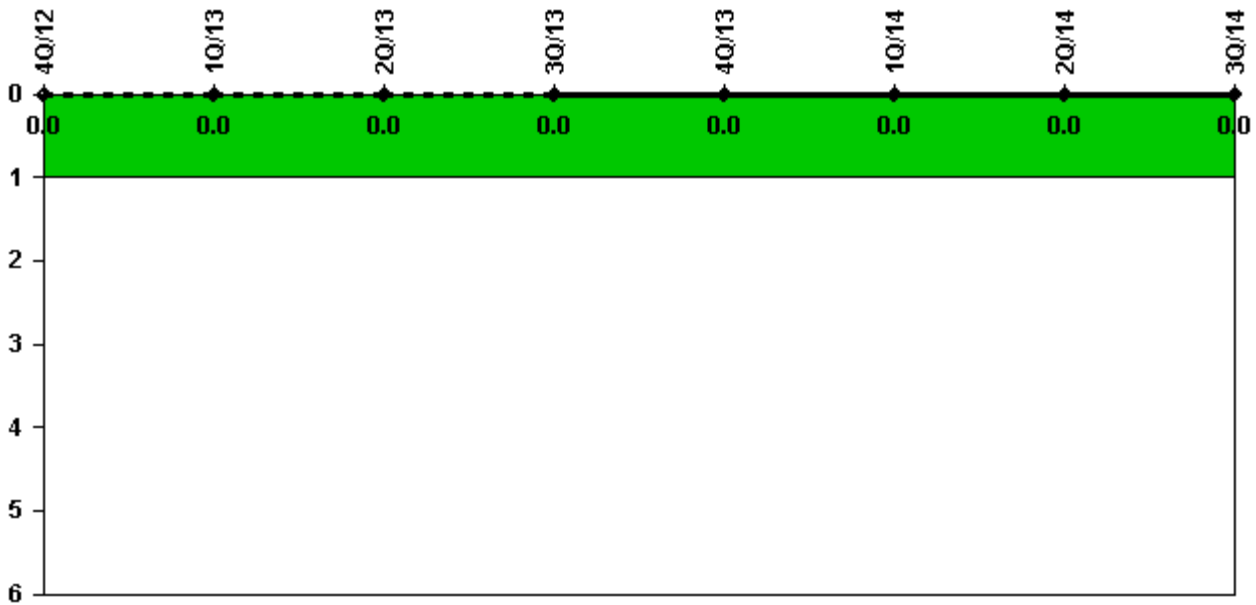
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



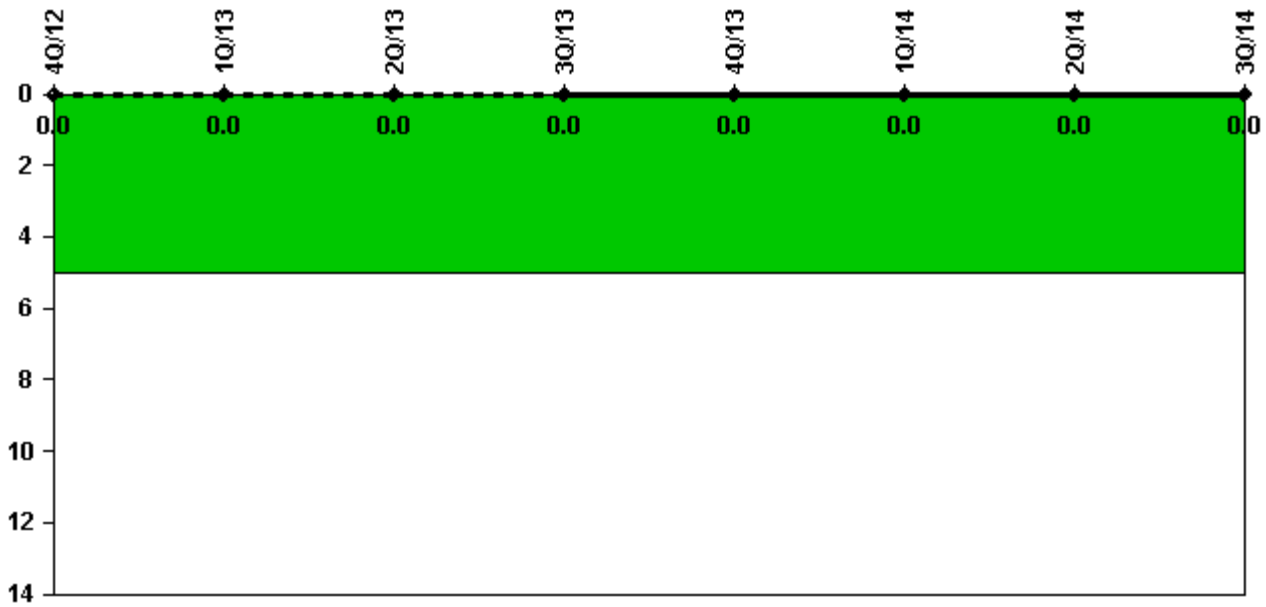
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



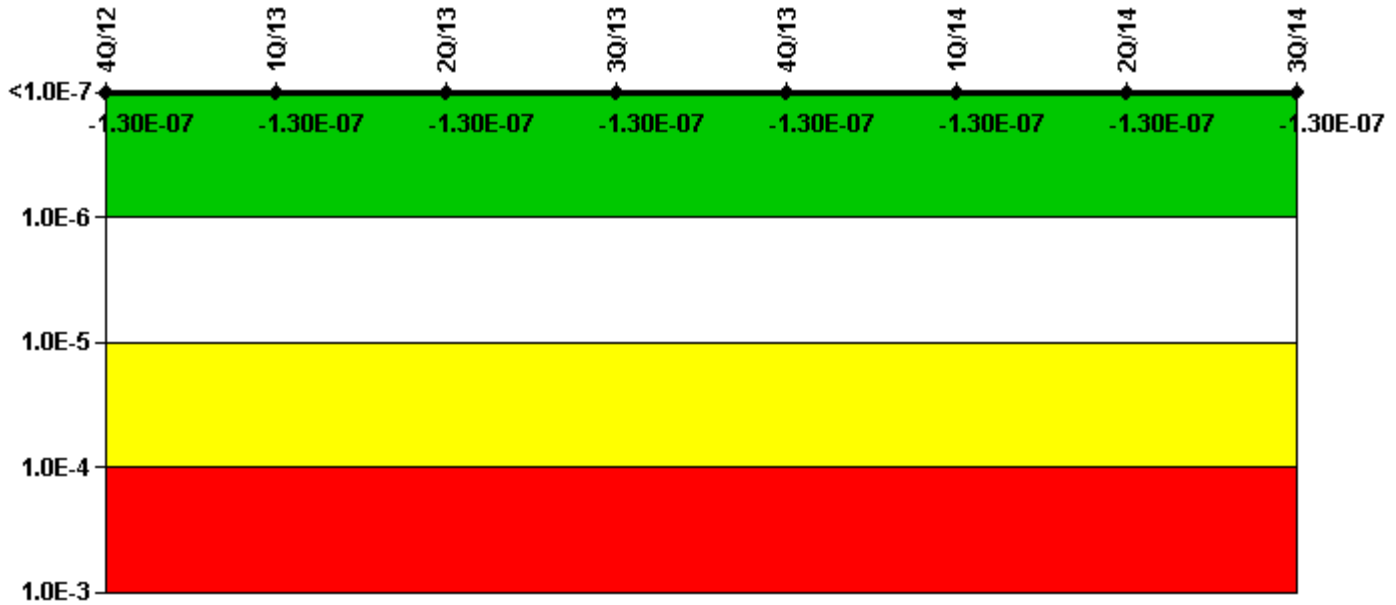
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



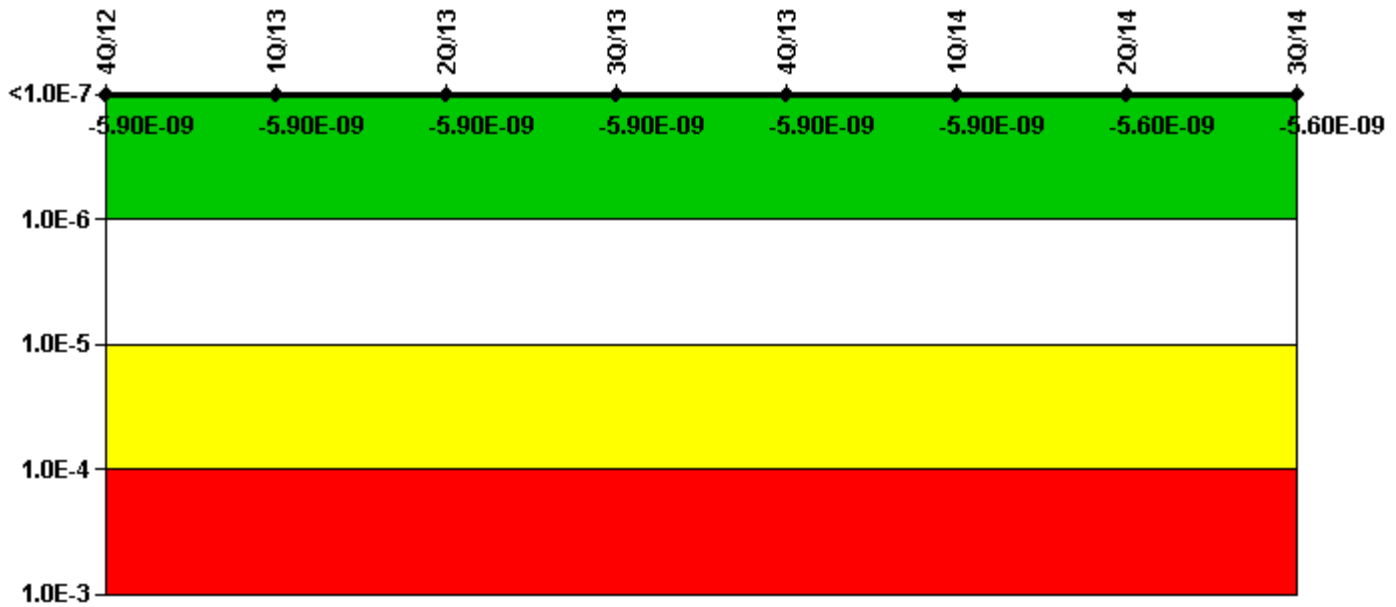
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08	-9.94E-08	-9.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



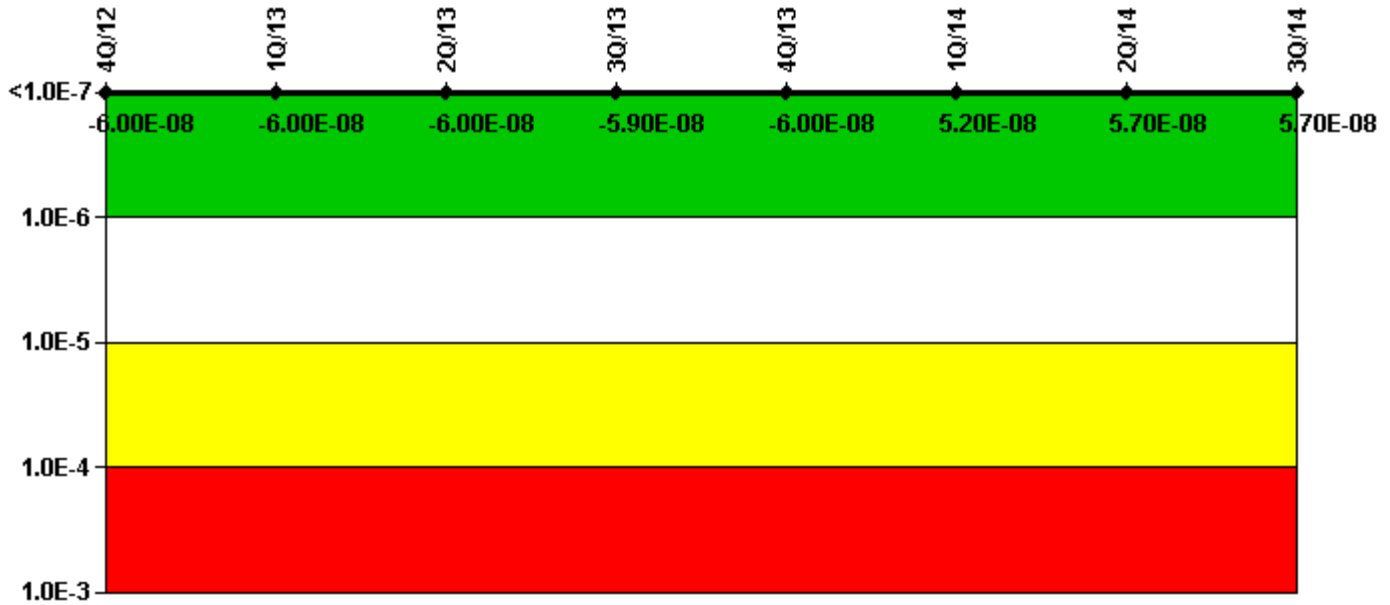
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09	-2.50E-09	-2.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.60E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

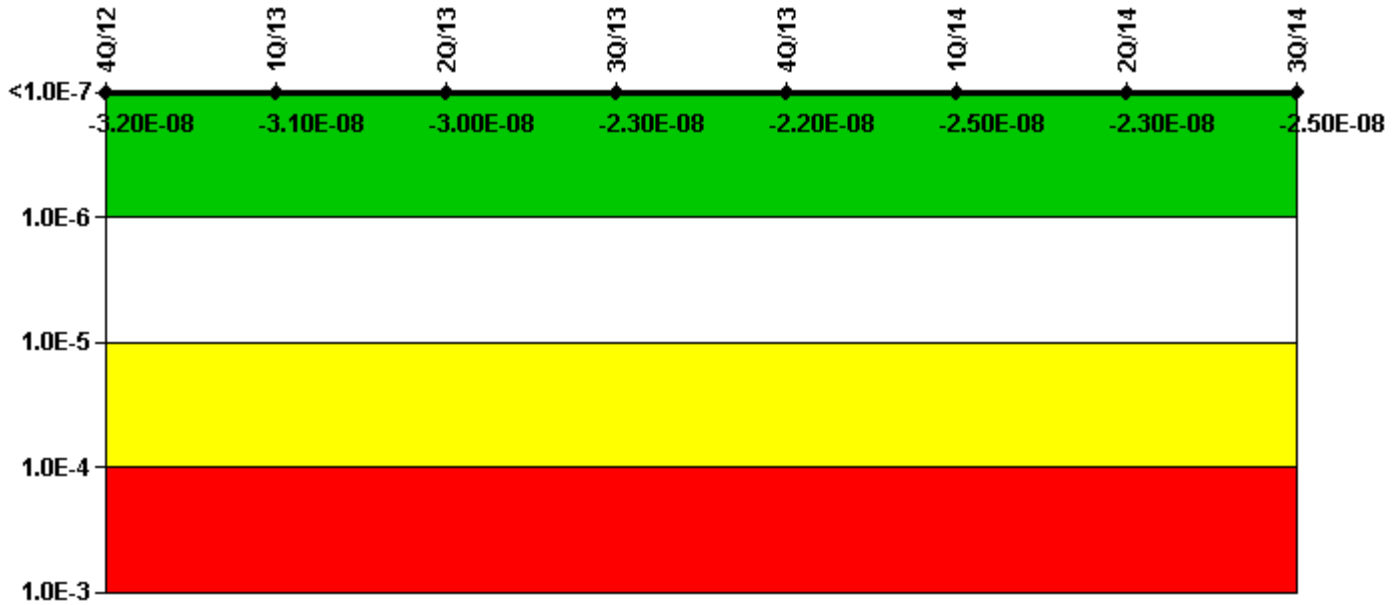
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08	7.26E-08	7.74E-08	7.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08	5.20E-08	5.70E-08	5.70E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



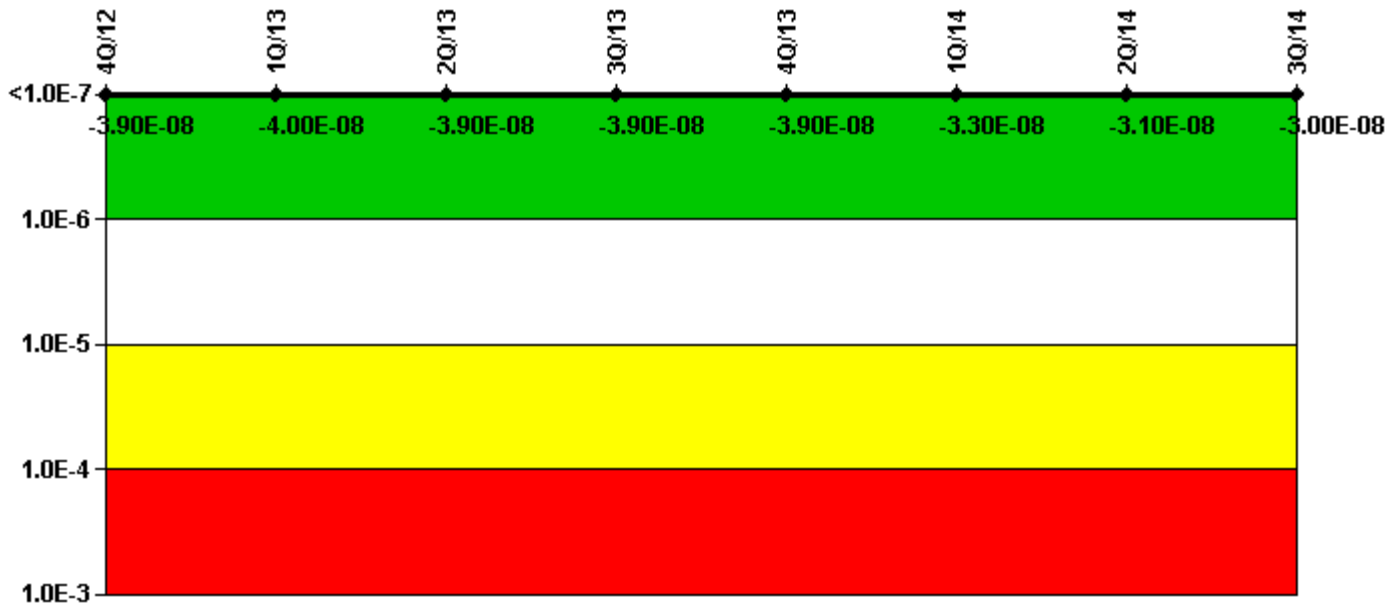
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09	3.53E-09	2.01E-09	-8.85E-10
URI (Δ CDF)	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08	-2.48E-08	-2.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08	-2.30E-08	-2.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



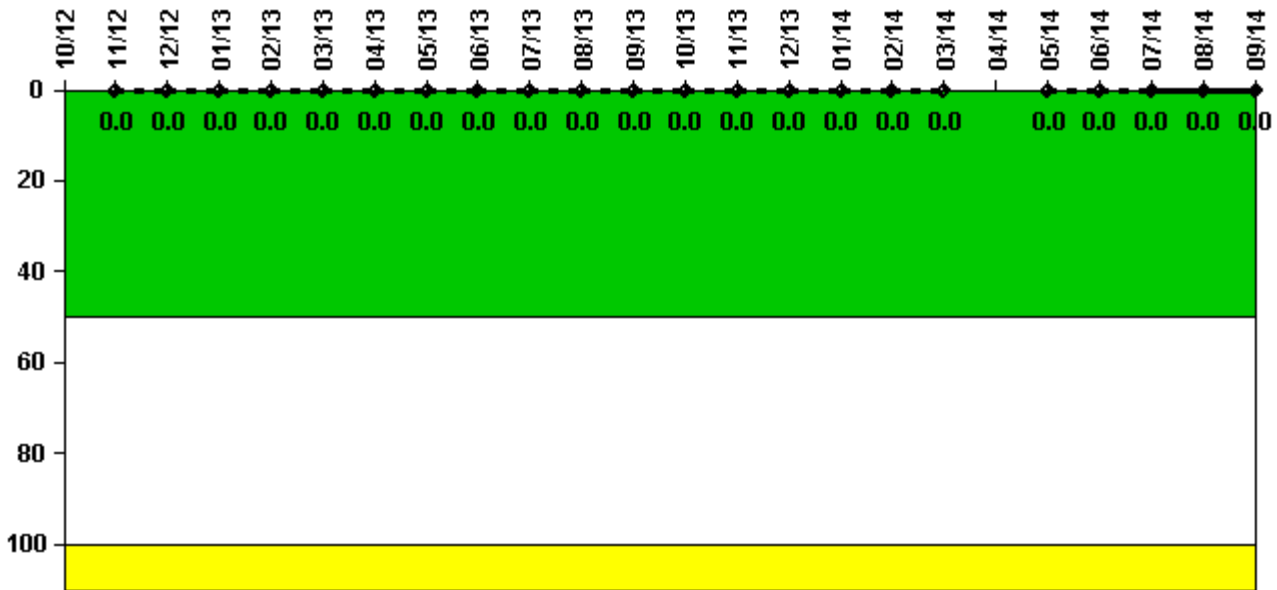
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08	-3.06E-08	-3.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08	-3.10E-08	-3.00E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	N/A	0.000039	0.000062	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

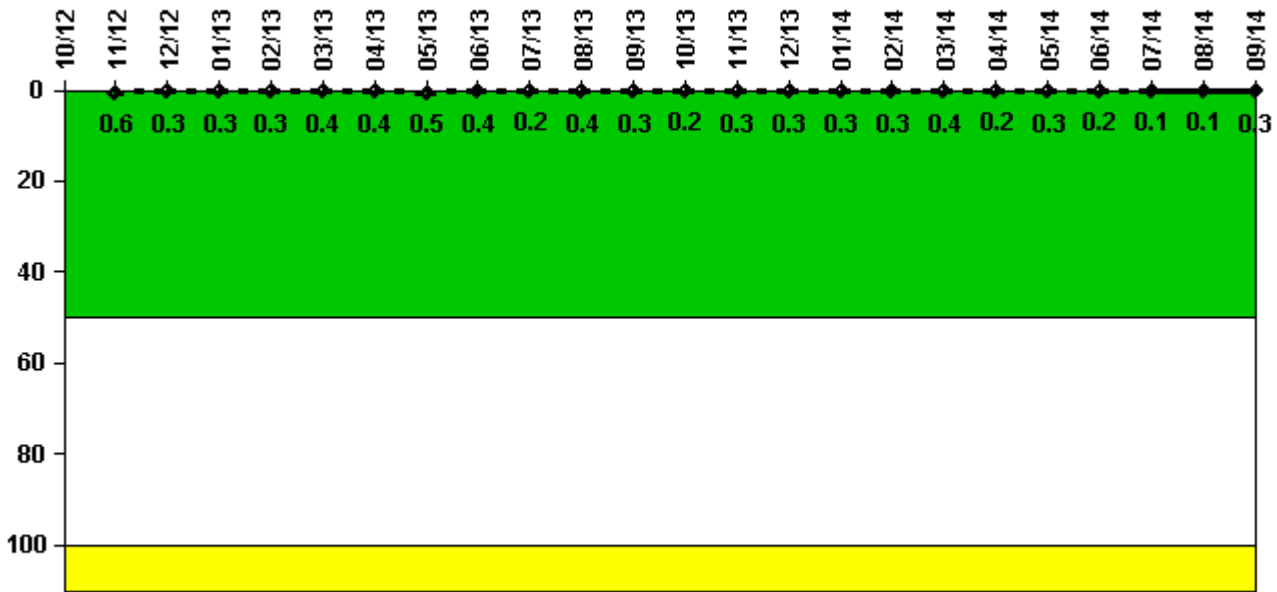
Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094	N/A	0.000028	0.000033	0.000041	0.000037	0.000038
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

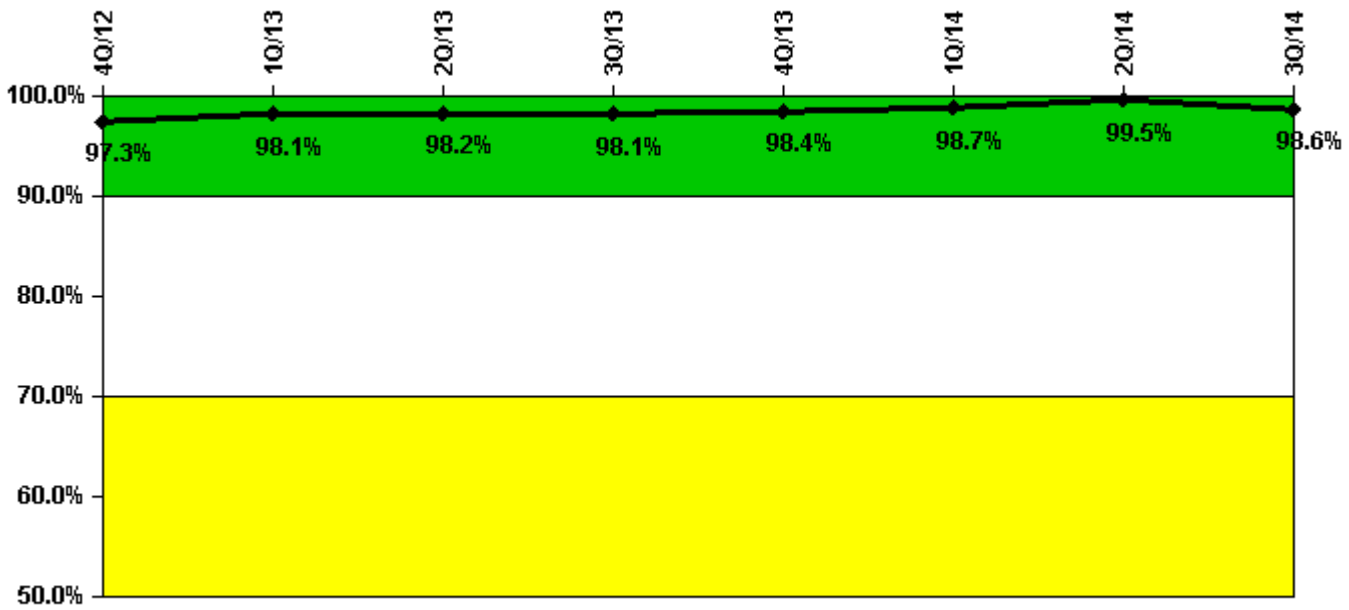
Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	N/A	0.056	0.029	0.027	0.029	0.039	0.040	0.045	0.035	0.024	0.043	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.6	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.2	0.4	0.3
Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.024	0.033	0.032	0.026	0.026	0.040	0.020	0.026	0.018	0.013	0.013	0.031
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.3	0.2	0.1	0.1	0.3

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



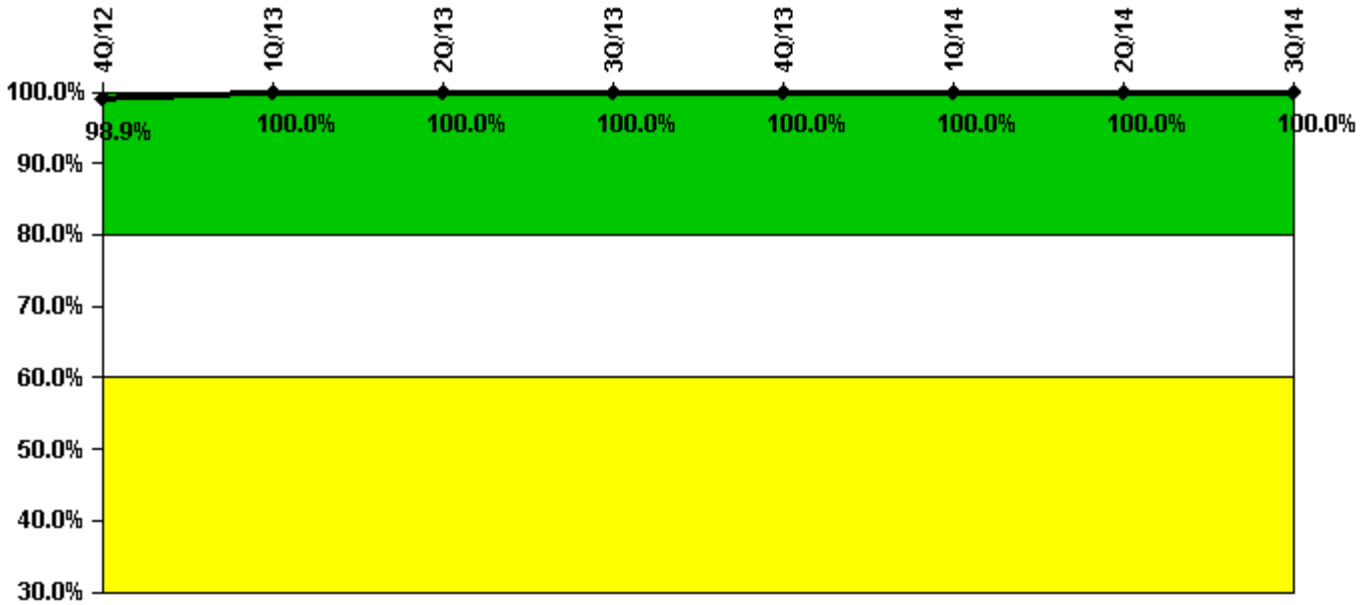
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	36.0	29.0	27.0	16.0	44.0	17.0	20.0	16.0
Total opportunities	36.0	29.0	27.0	17.0	44.0	17.0	20.0	18.0
Indicator value	97.3%	98.1%	98.2%	98.1%	98.4%	98.7%	99.5%	98.6%

Licensee Comments: none

ERO Drill Participation



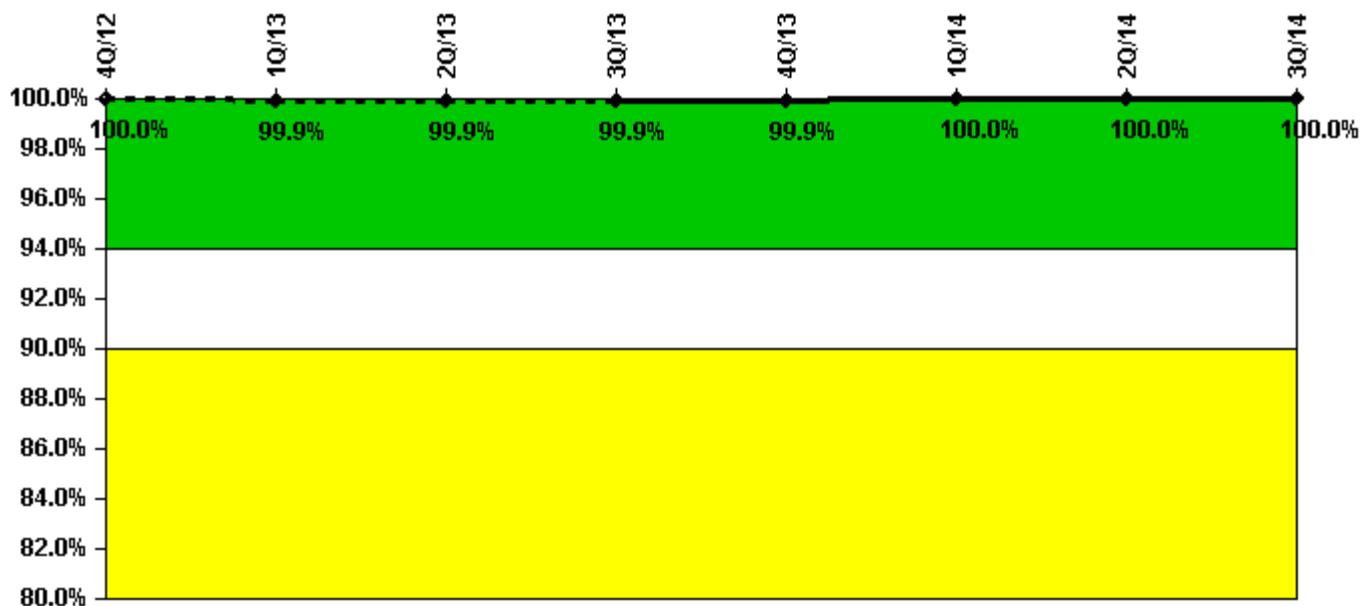
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	89.0	91.0	94.0	95.0	94.0	92.0	91.0	95.0
Total Key personnel	90.0	91.0	94.0	95.0	94.0	92.0	91.0	95.0
Indicator value	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



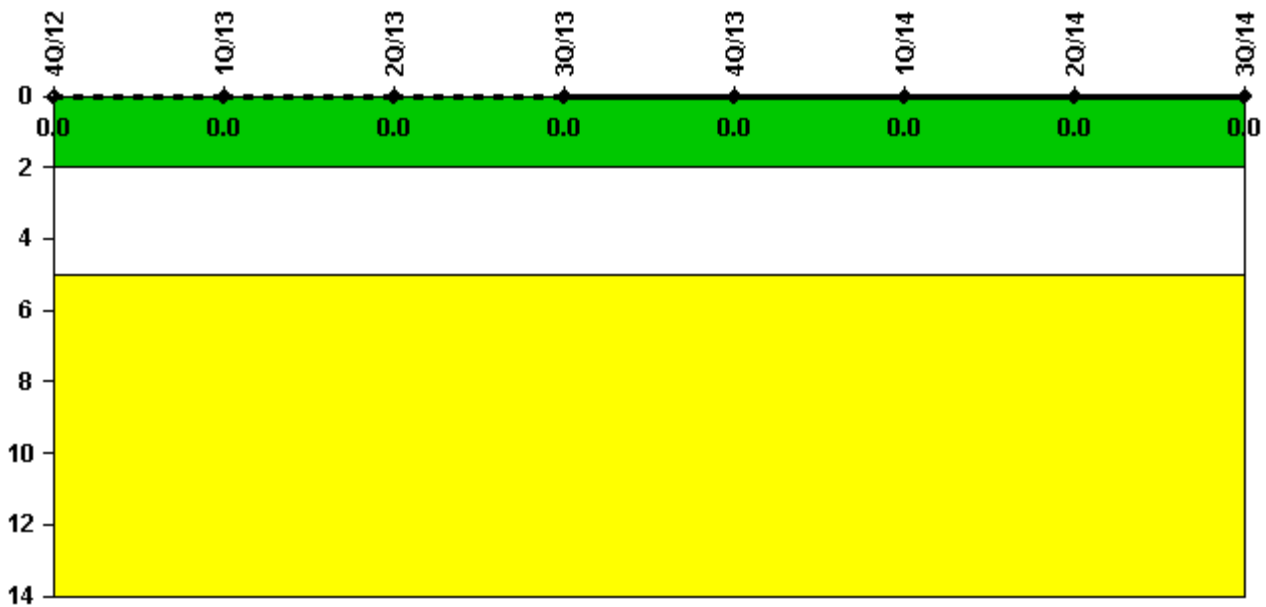
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	846	724	847	726	847	726	847	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



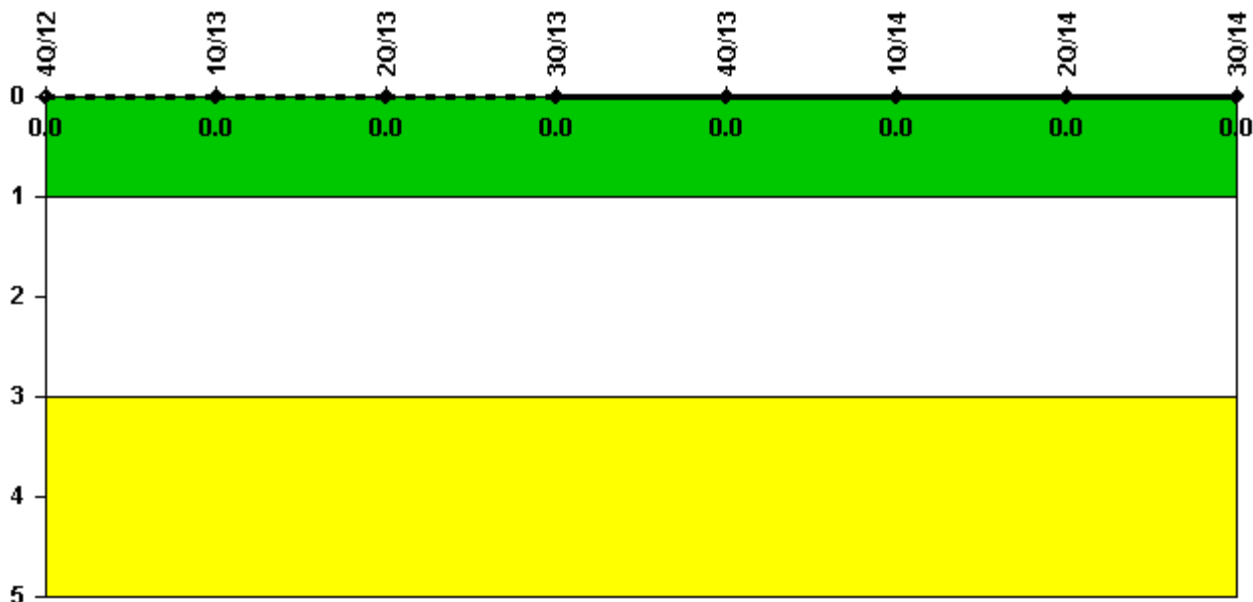
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2014

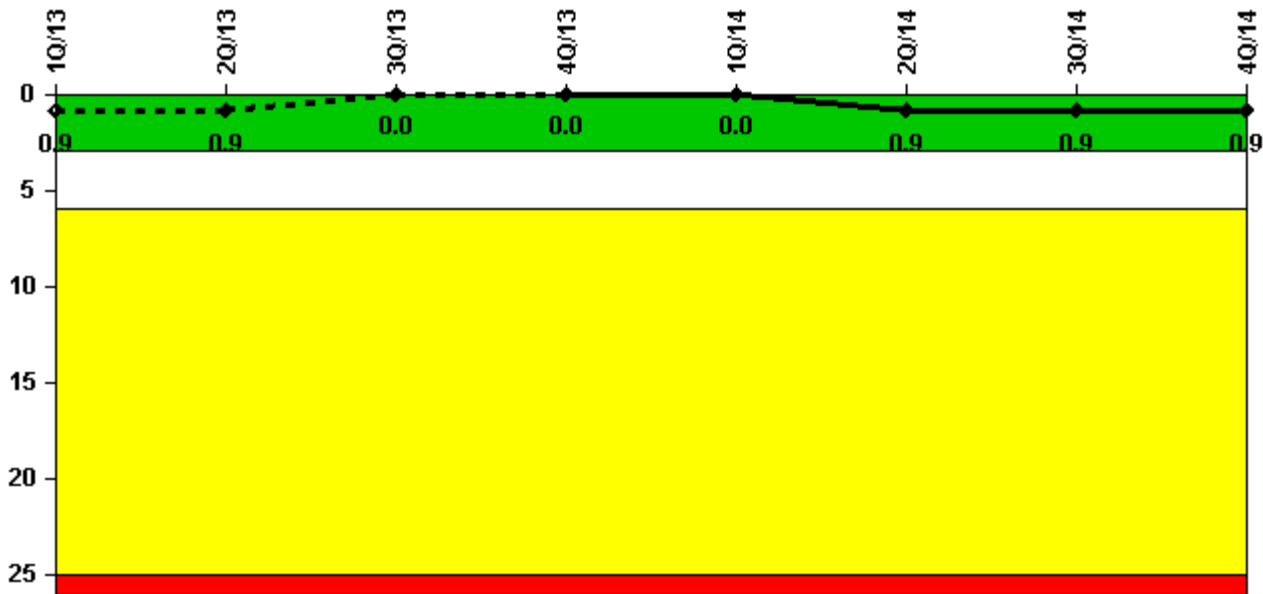
Seabrook 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



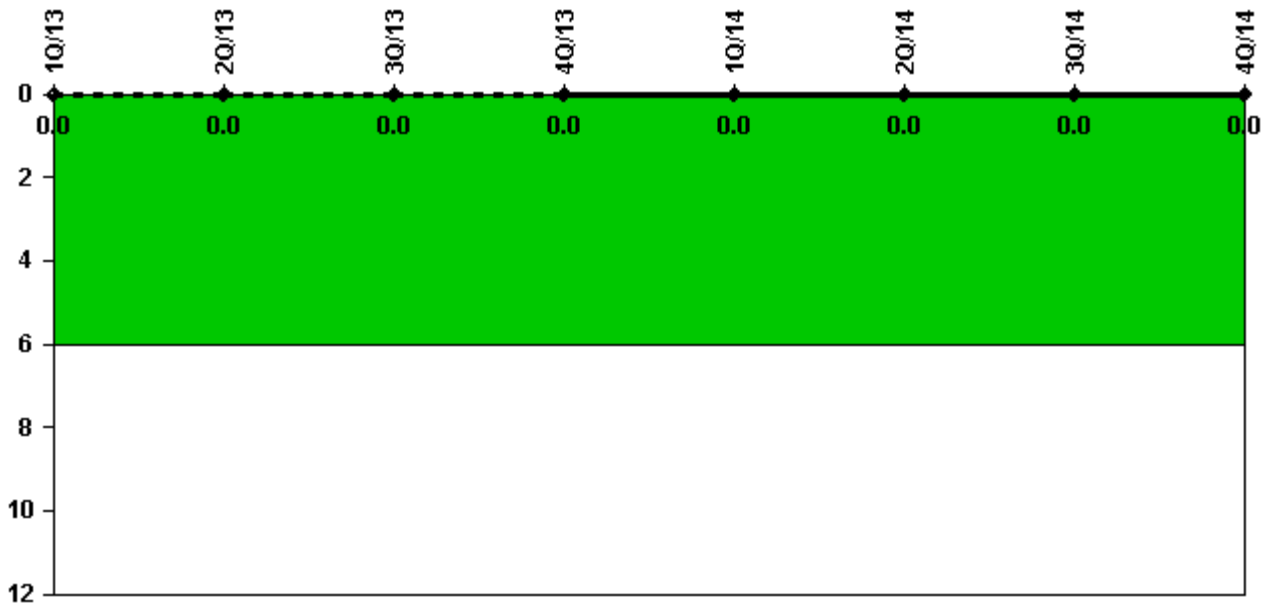
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0
Indicator value	0.9	0.9	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



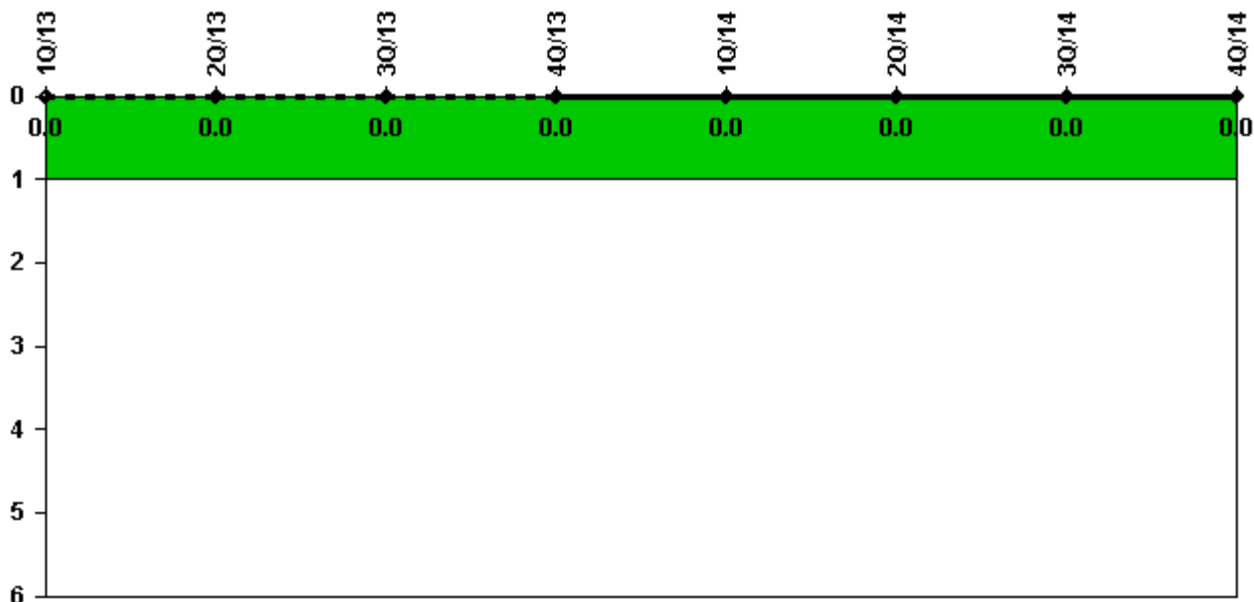
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



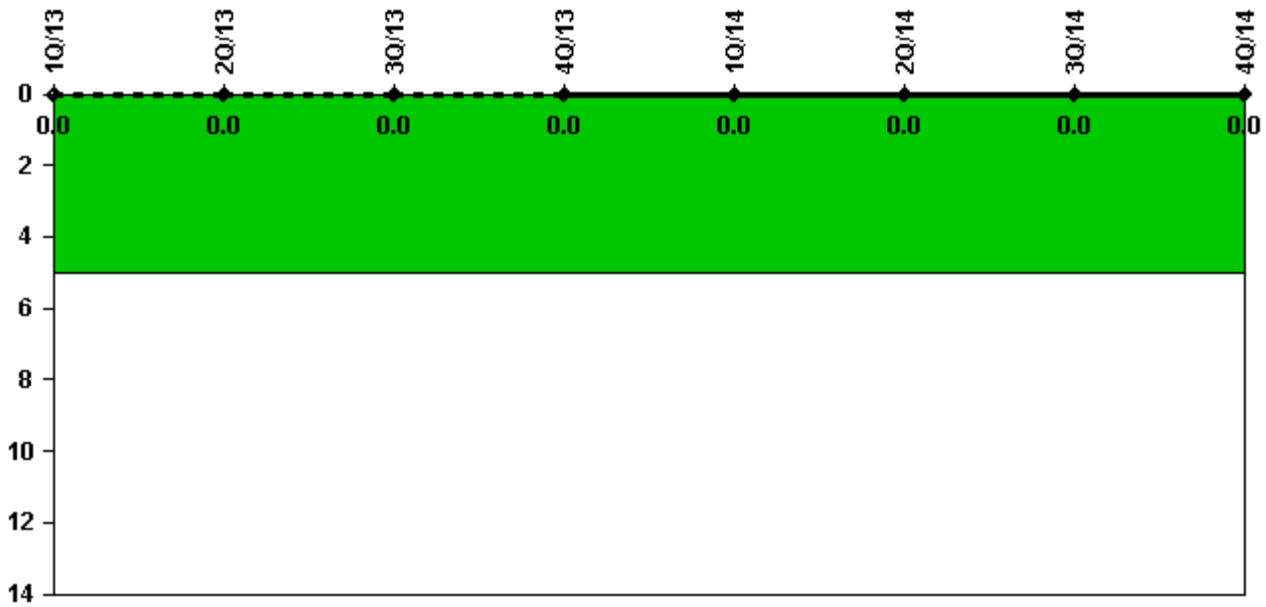
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



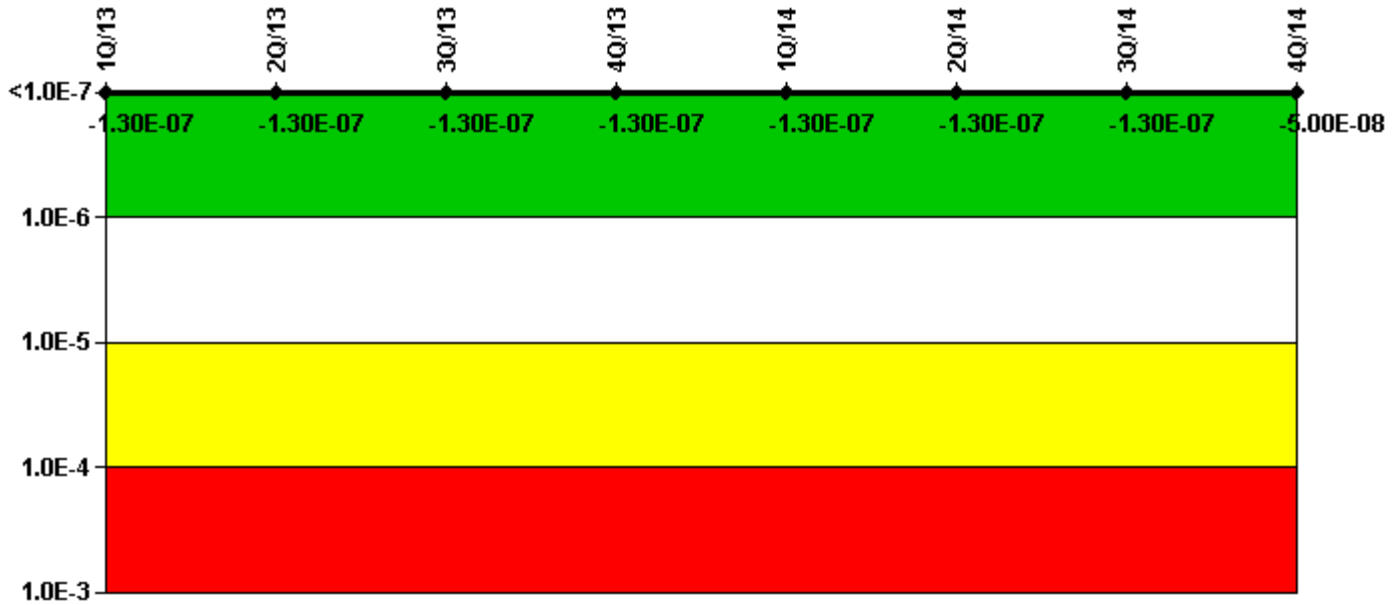
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



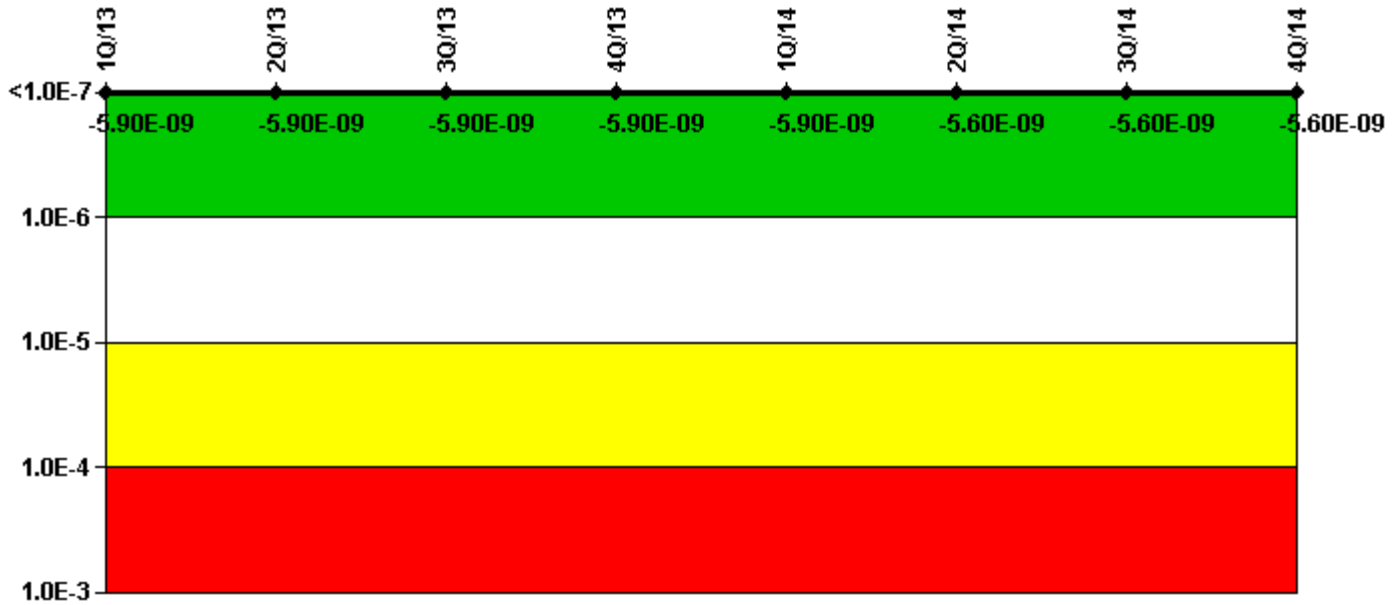
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08	-9.94E-08	-9.74E-08	-1.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-5.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



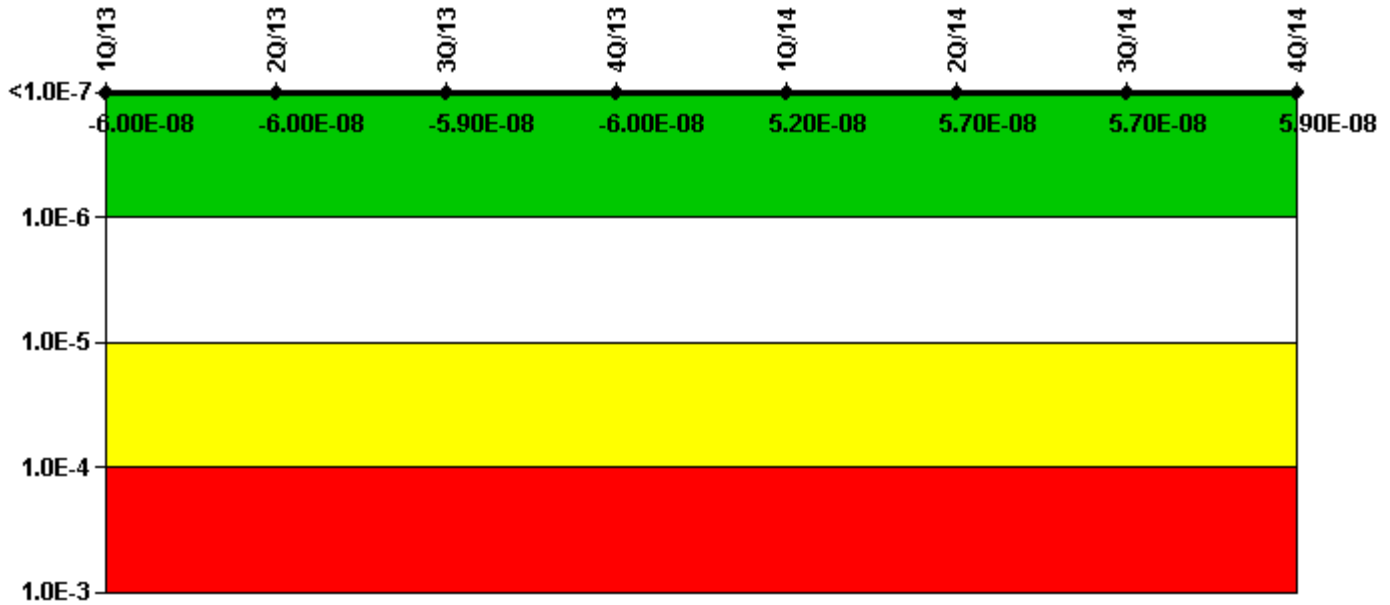
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09	-2.50E-09	-2.50E-09	-2.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.60E-09	-5.60E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

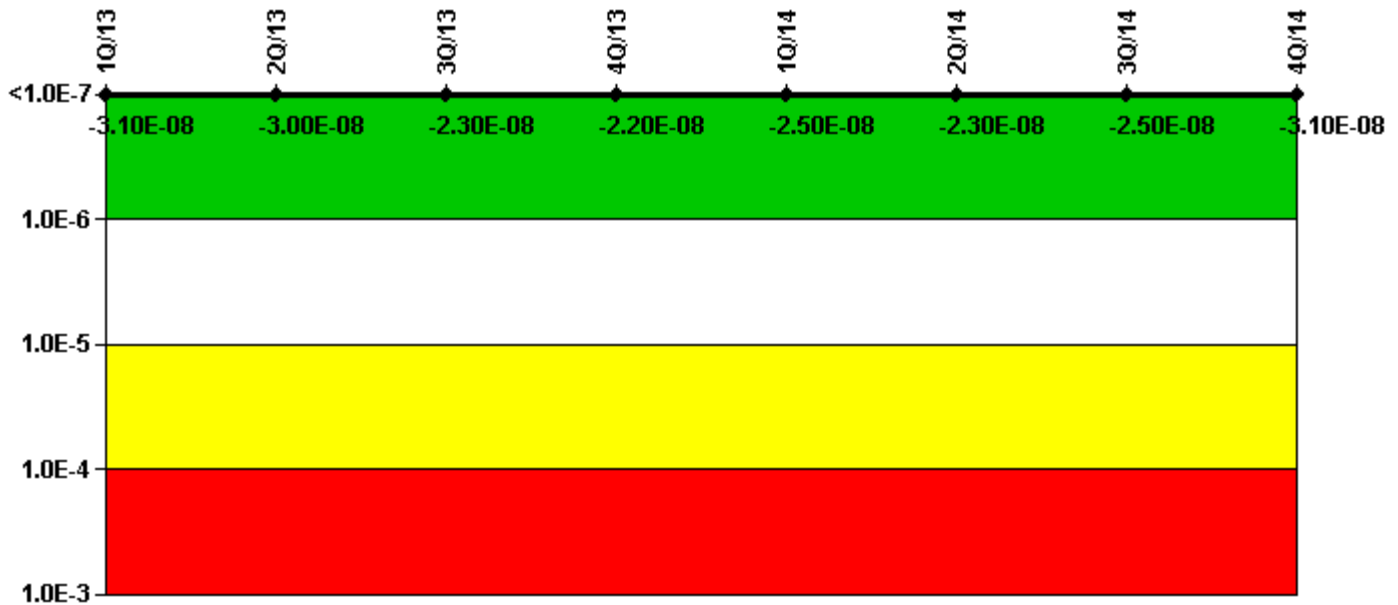
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08	7.26E-08	7.74E-08	7.74E-08	7.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08	5.20E-08	5.70E-08	5.70E-08	5.90E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



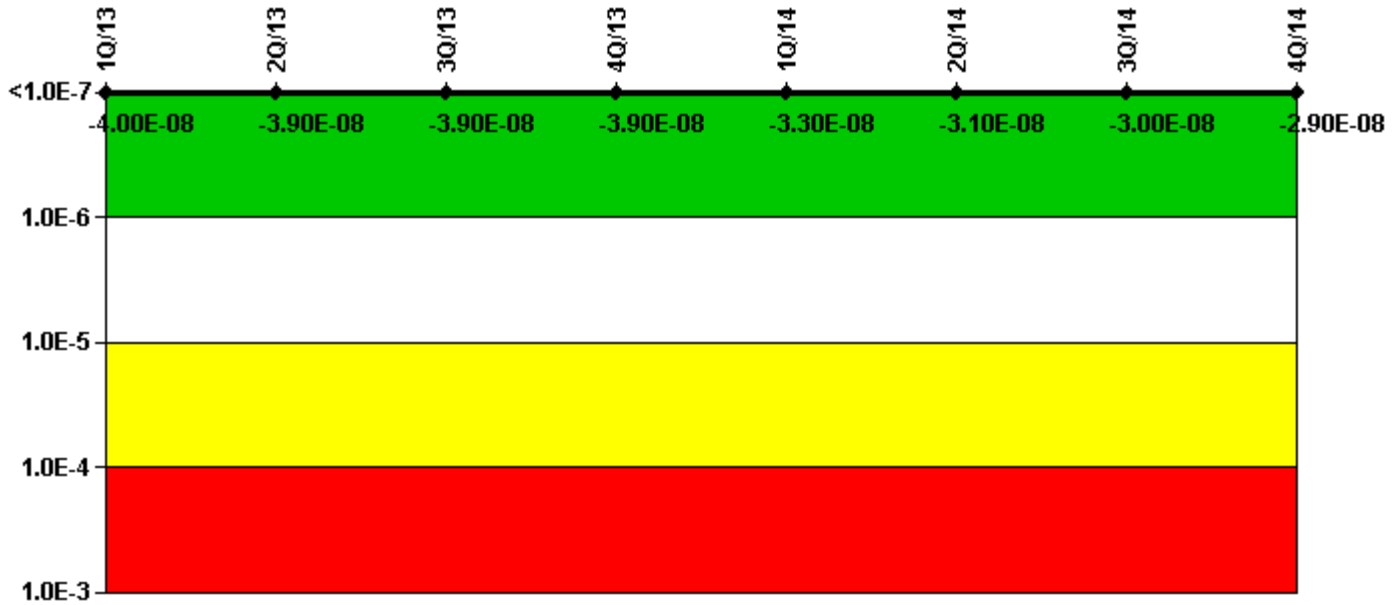
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09	3.53E-09	2.01E-09	-8.85E-10	-8.46E-09
URI (Δ CDF)	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08	-2.48E-08	-2.45E-08	-2.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08	-2.30E-08	-2.50E-08	-3.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



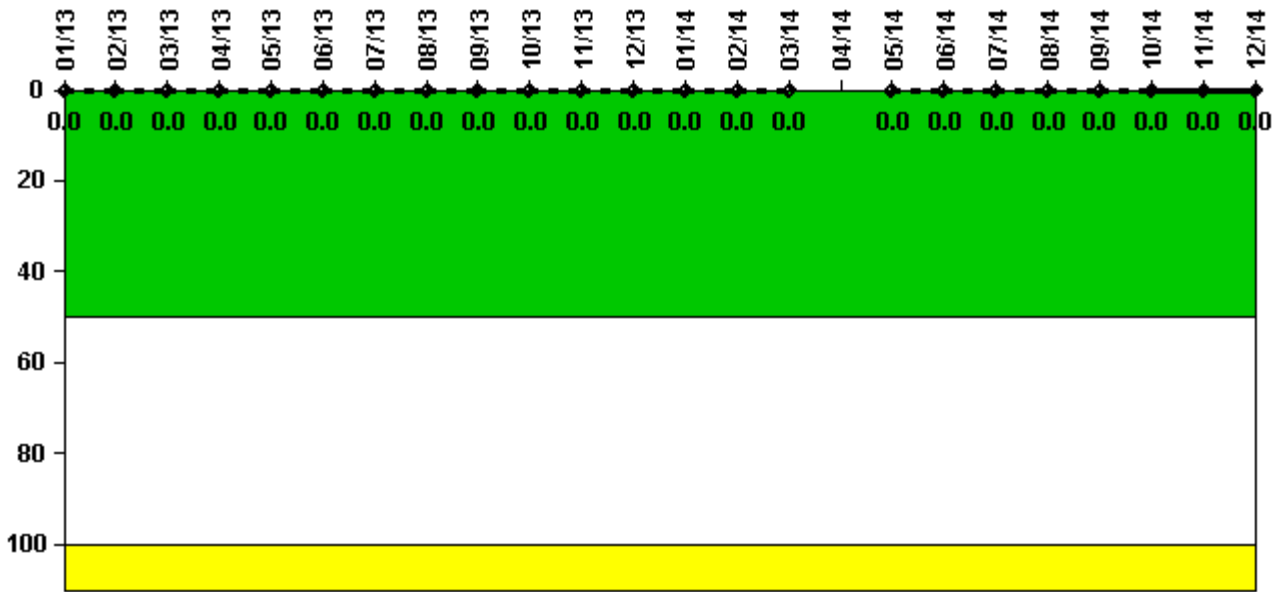
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08	-3.06E-08	-3.03E-08	-2.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08	-3.10E-08	-3.00E-08	-2.90E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

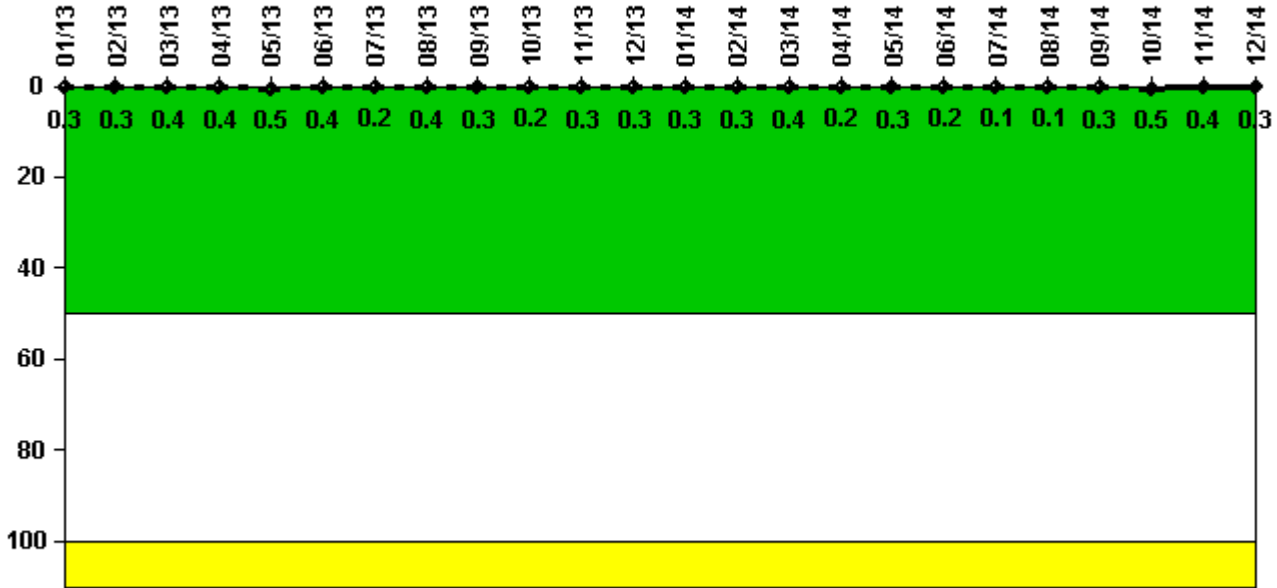
Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000045	0.000045	0.000052	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000065	0.000068	0.000094	N/A	0.000028	0.000033	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



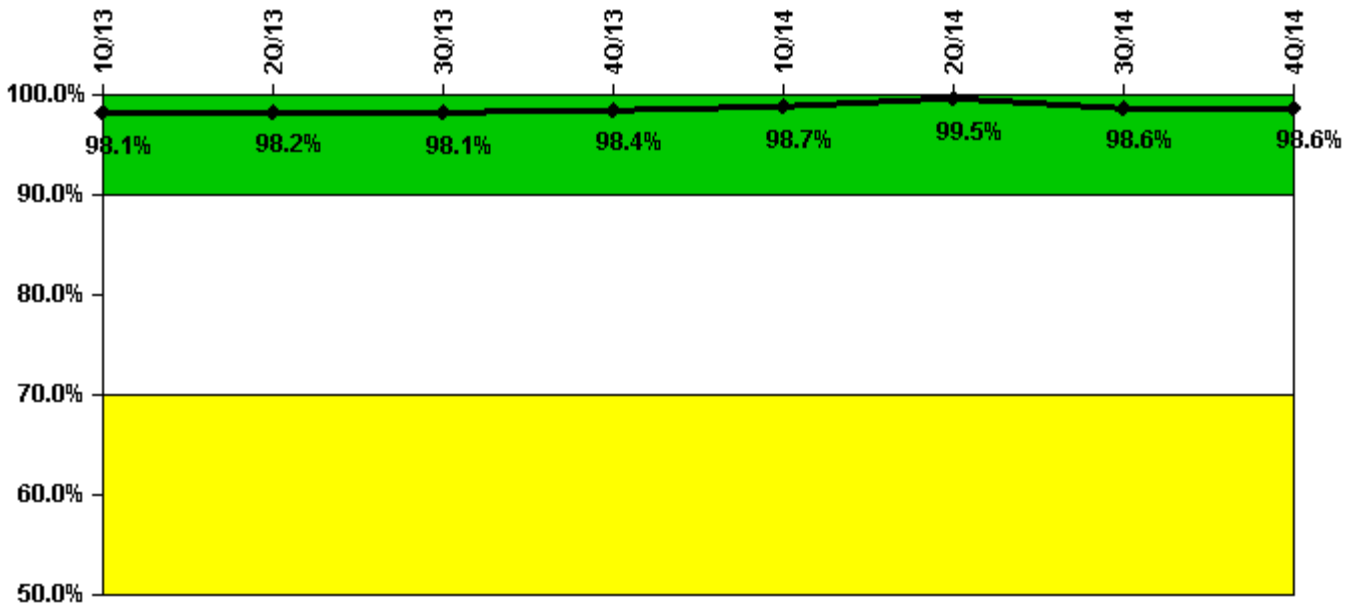
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.027	0.029	0.039	0.040	0.045	0.035	0.024	0.043	0.034	0.024	0.033	0.032
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.4	0.5	0.4	0.2	0.4	0.3	0.2	0.3	0.3
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.026	0.026	0.040	0.020	0.026	0.018	0.013	0.013	0.031	0.052	0.037	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



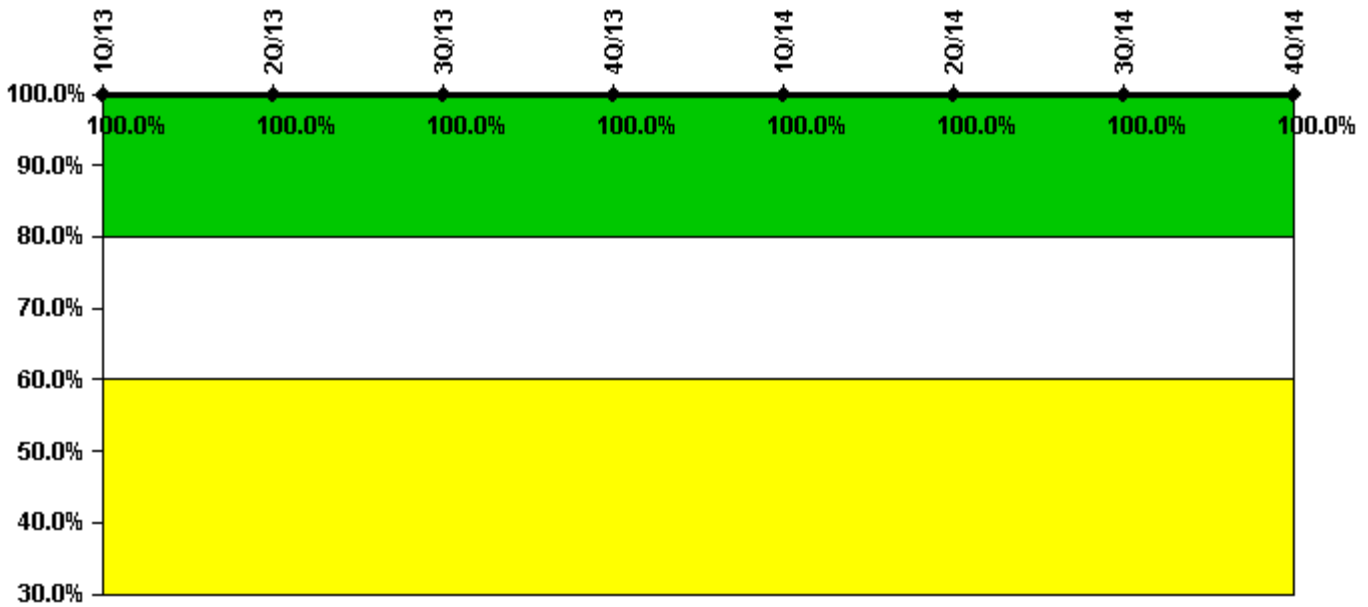
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	29.0	27.0	16.0	44.0	17.0	20.0	16.0	44.0
Total opportunities	29.0	27.0	17.0	44.0	17.0	20.0	18.0	44.0
Indicator value	98.1%	98.2%	98.1%	98.4%	98.7%	99.5%	98.6%	98.6%

Licensee Comments: none

ERO Drill Participation



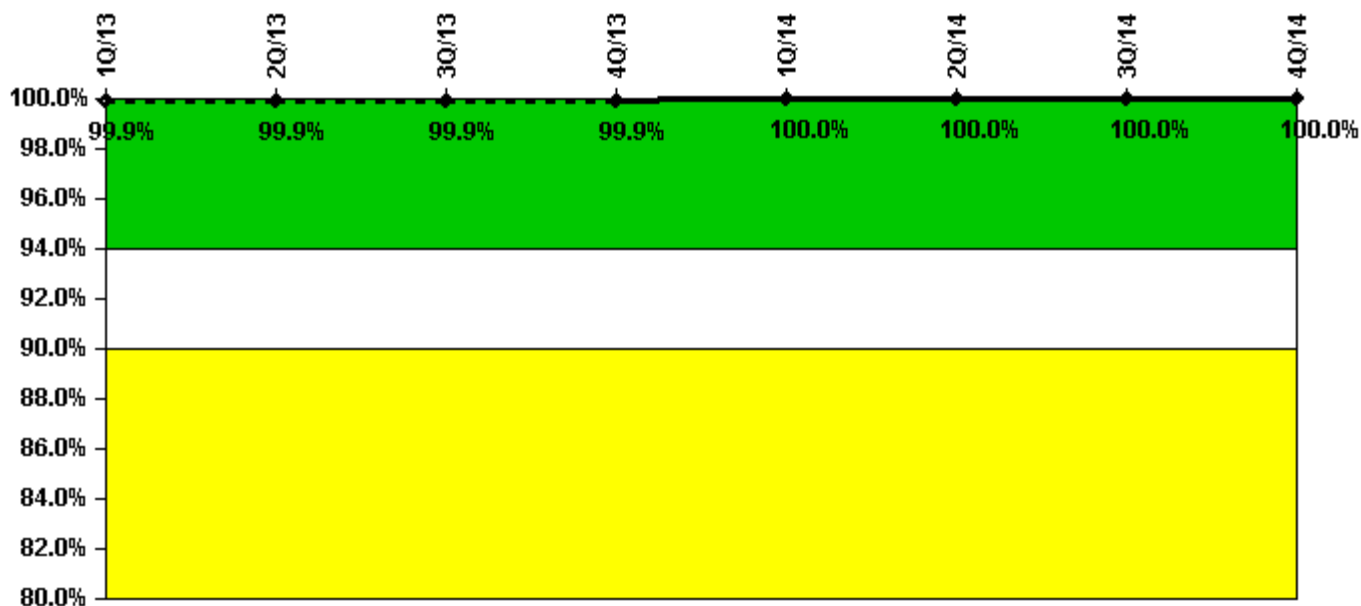
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	91.0	94.0	95.0	94.0	92.0	91.0	95.0	93.0
Total Key personnel	91.0	94.0	95.0	94.0	92.0	91.0	95.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



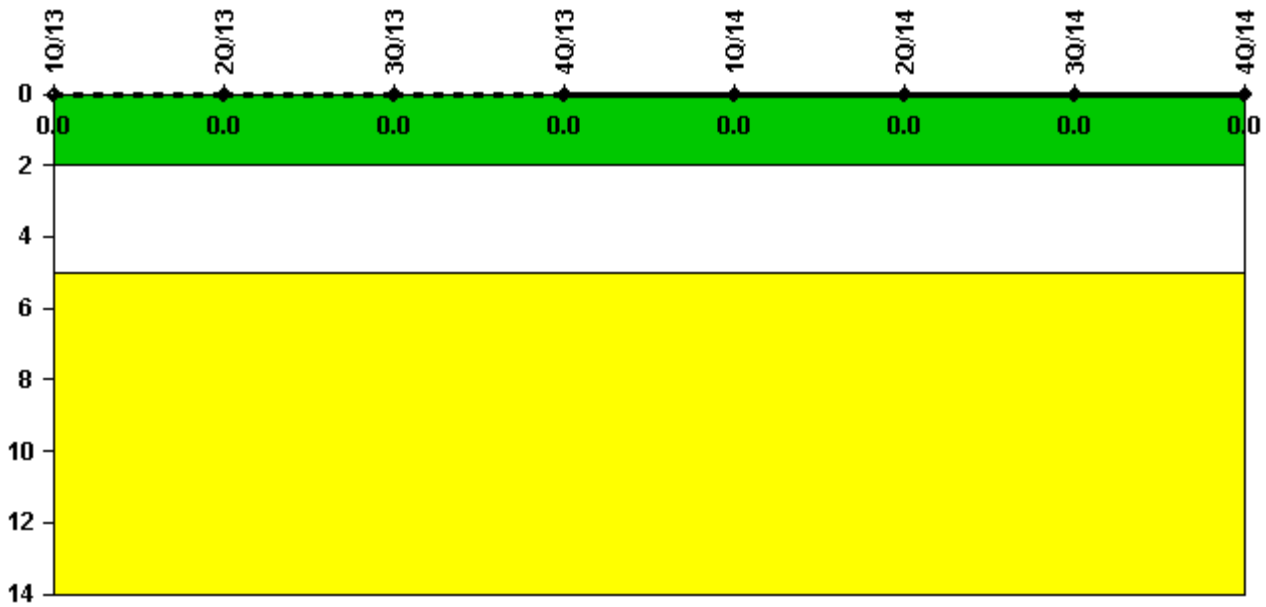
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	724	847	726	847	726	847	725	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



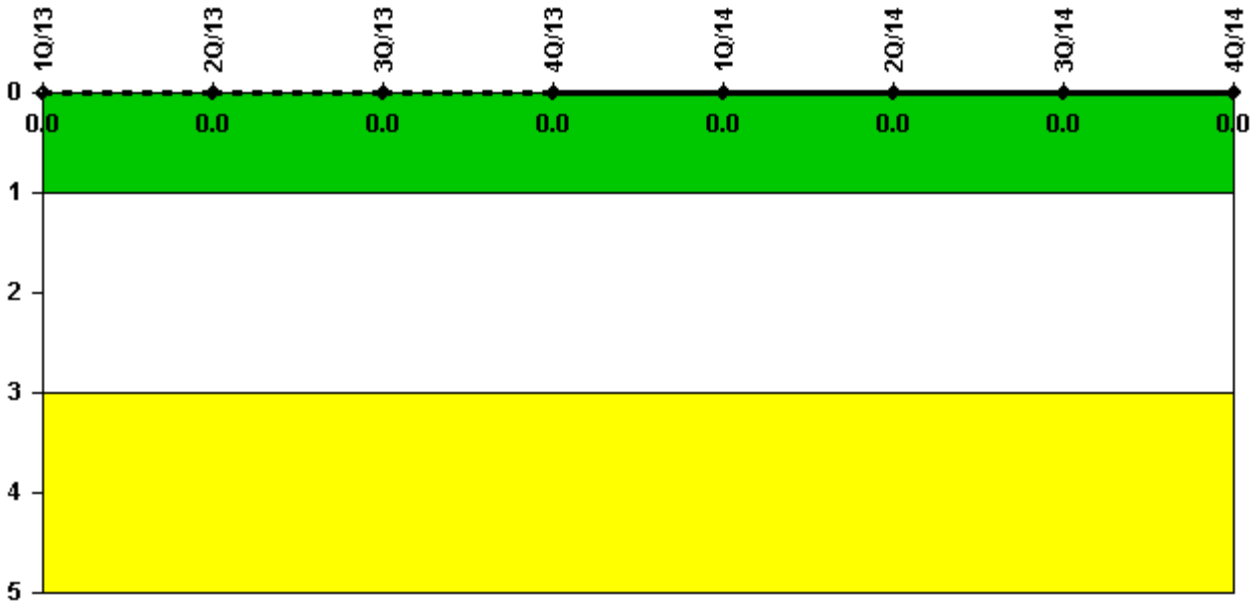
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: February 3, 2015

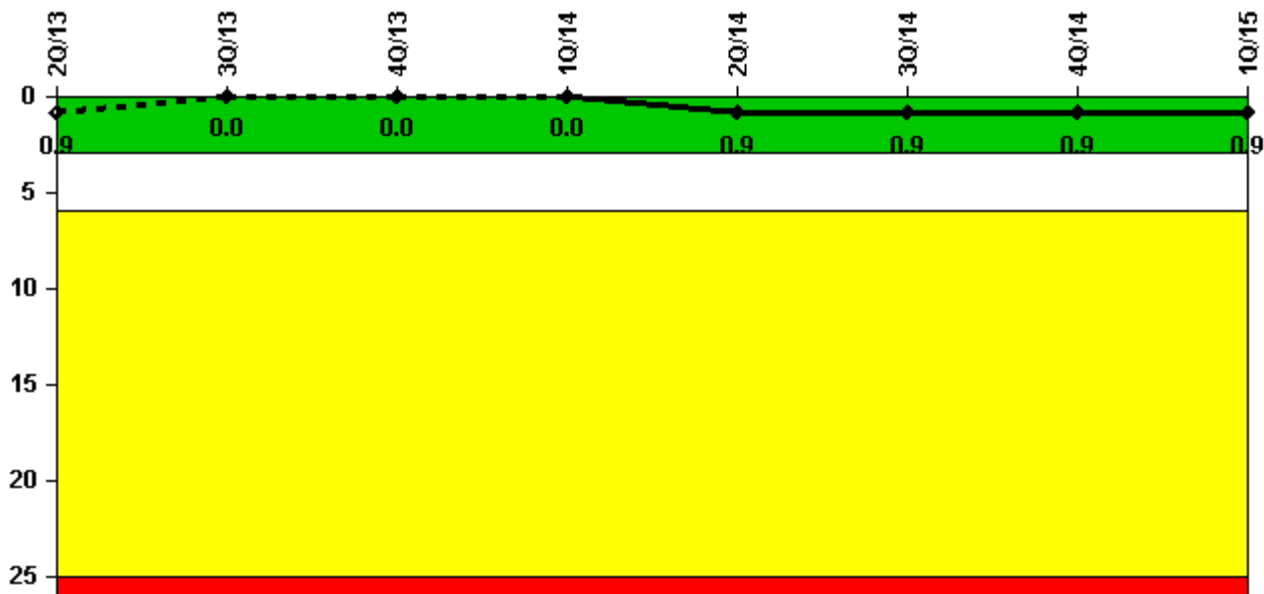
Seabrook 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



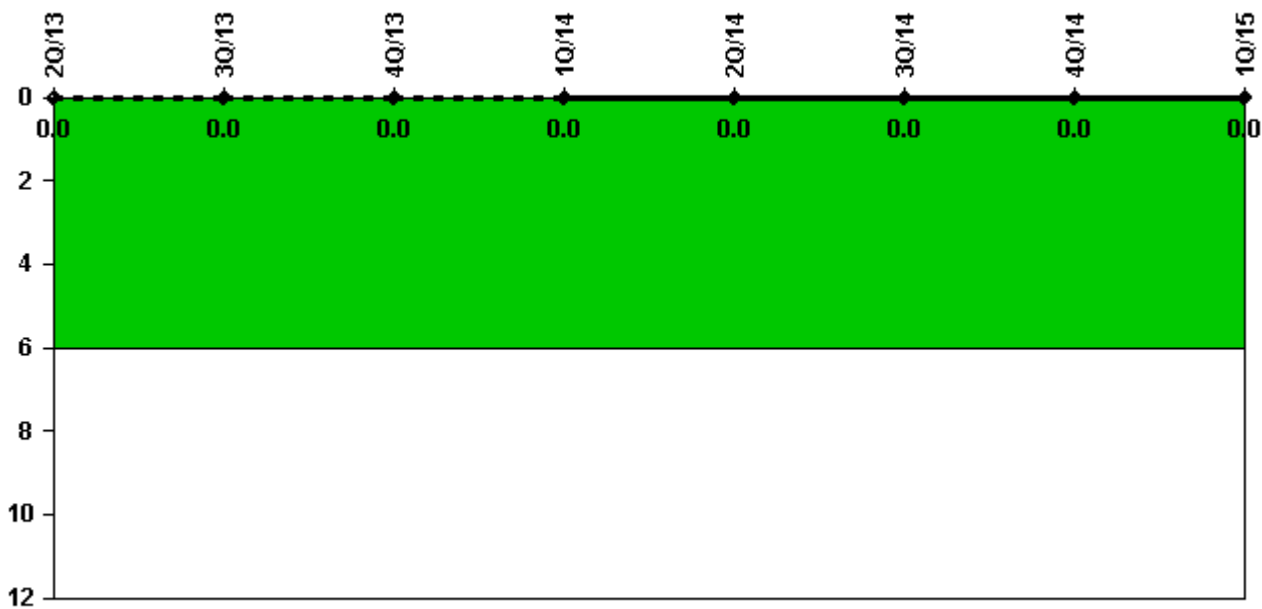
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0
Indicator value	0.9	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



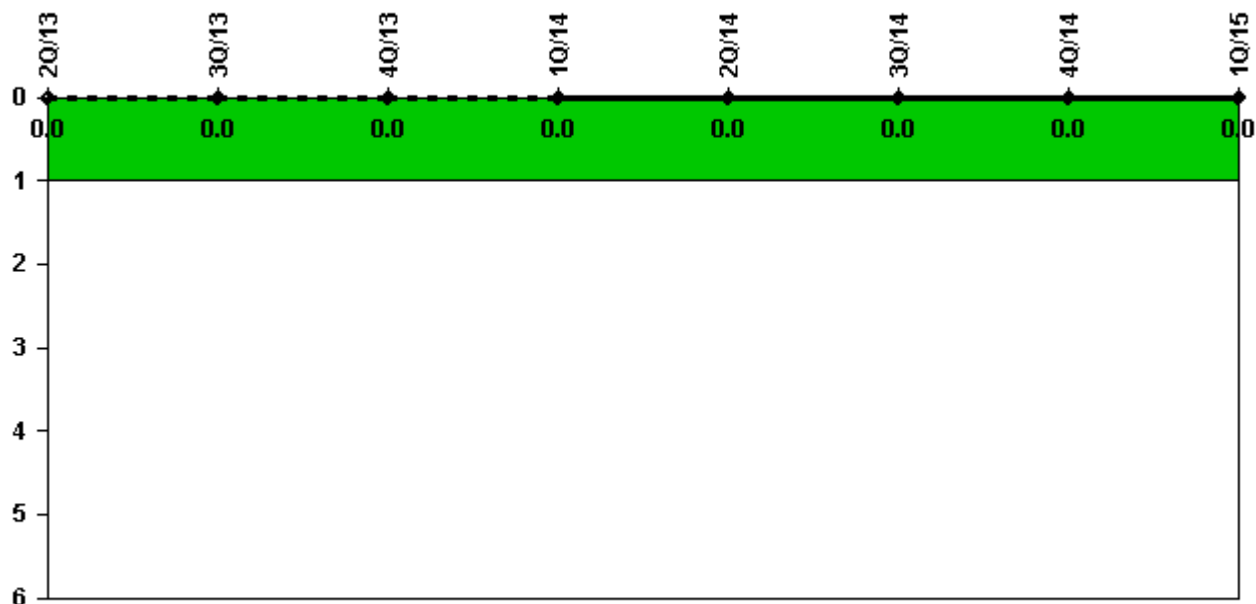
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



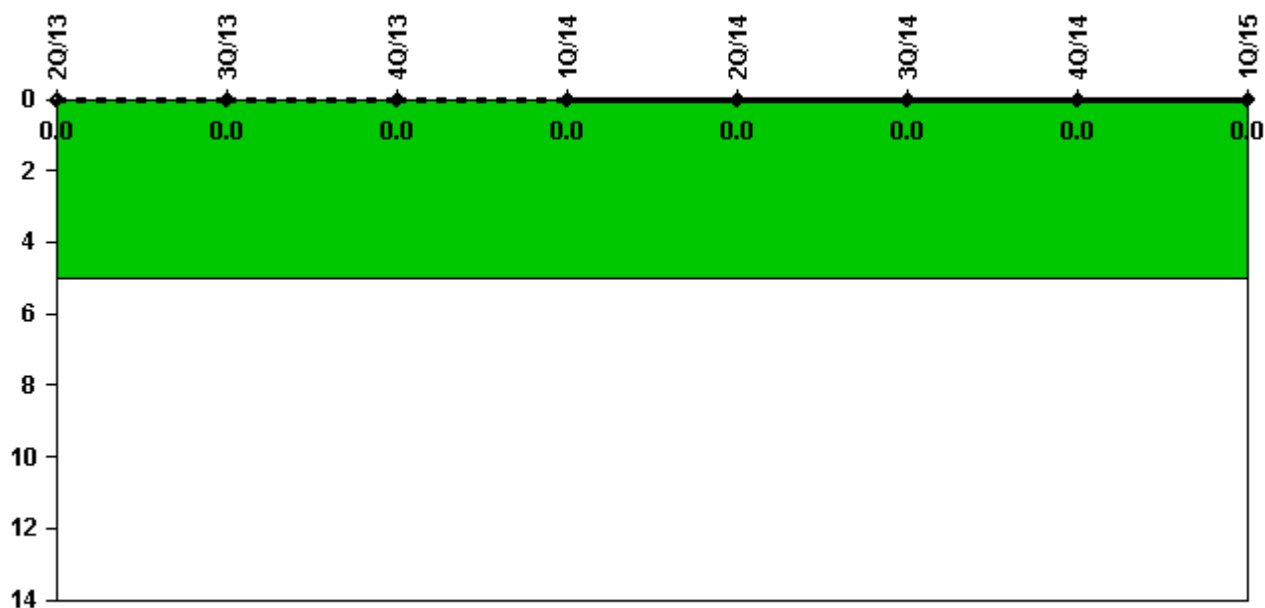
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



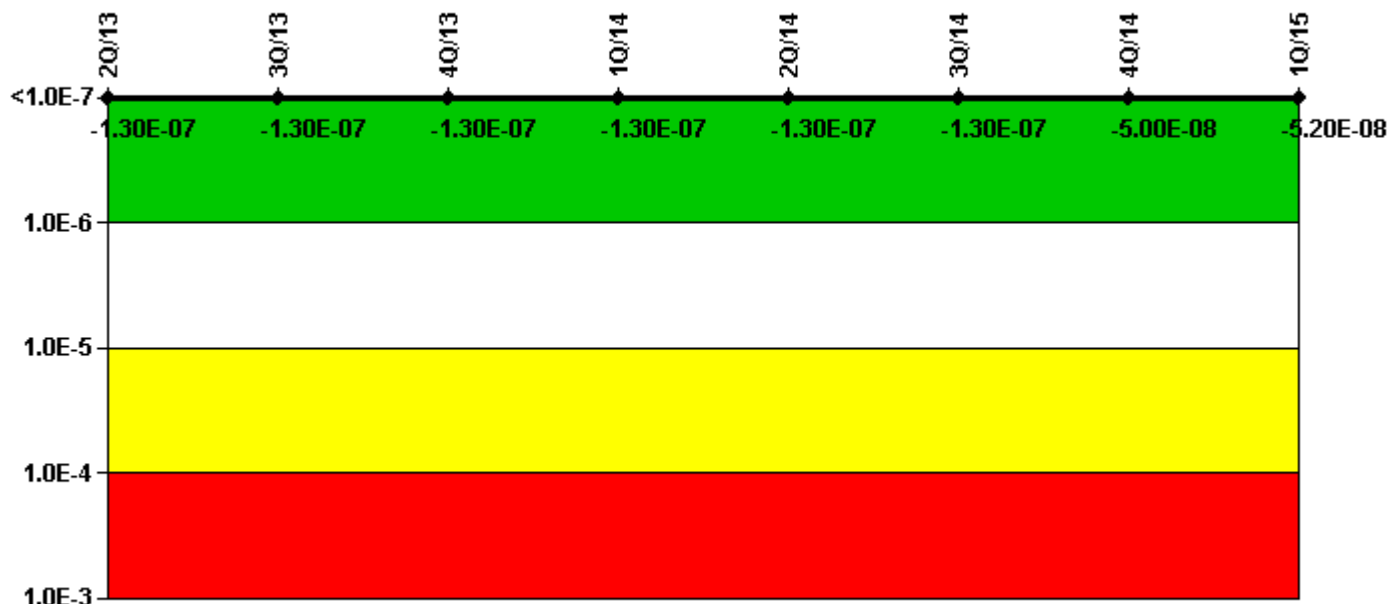
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



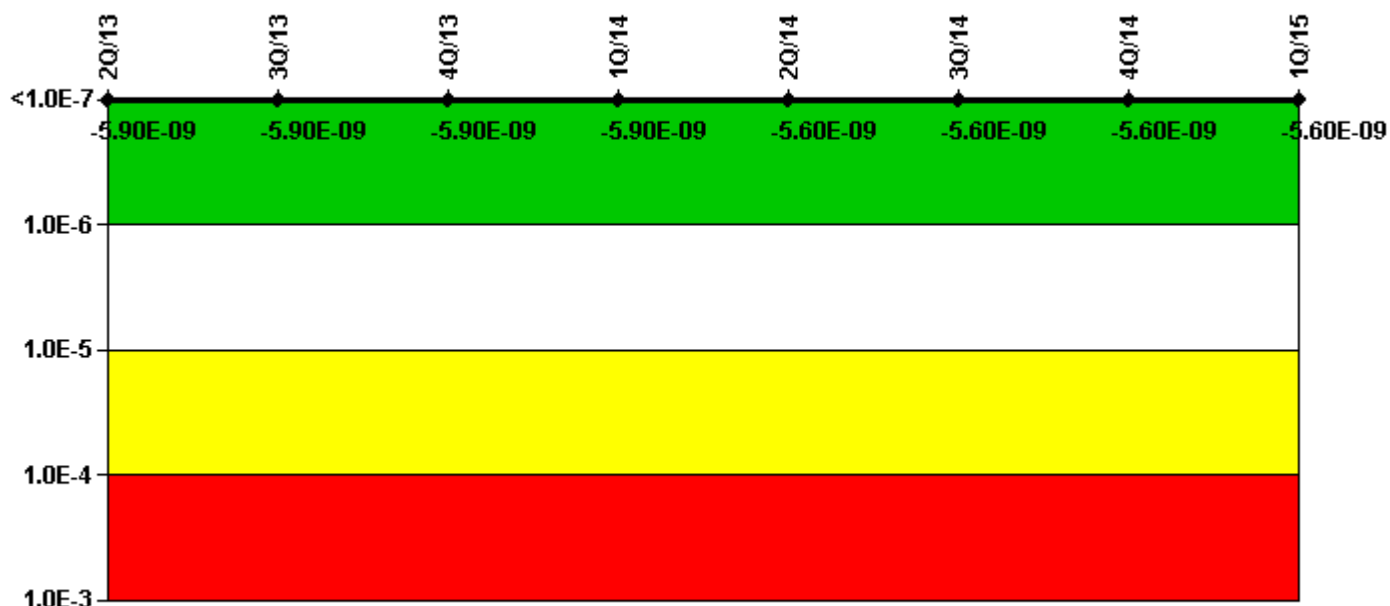
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08
URI (Δ CDF)	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08	-9.94E-08	-9.74E-08	-1.67E-08	-1.87E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-5.00E-08	-5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



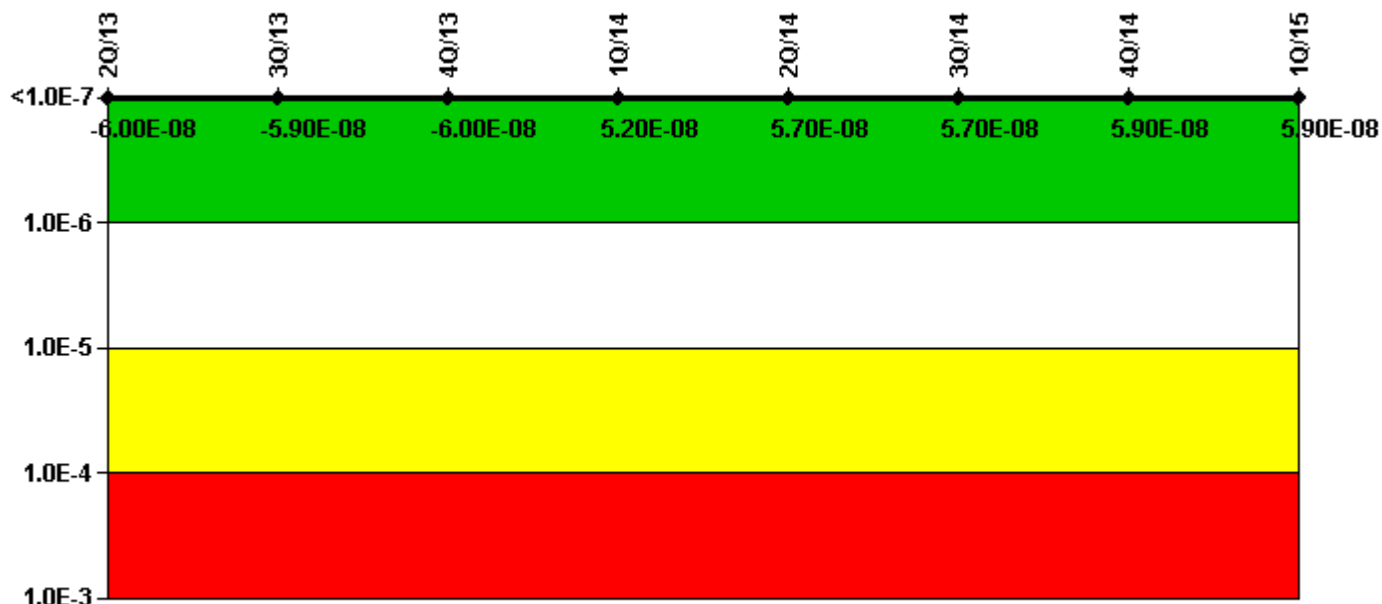
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09
URI (Δ CDF)	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09	-2.50E-09	-2.50E-09	-2.44E-09	-2.45E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.90E-09	-5.90E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

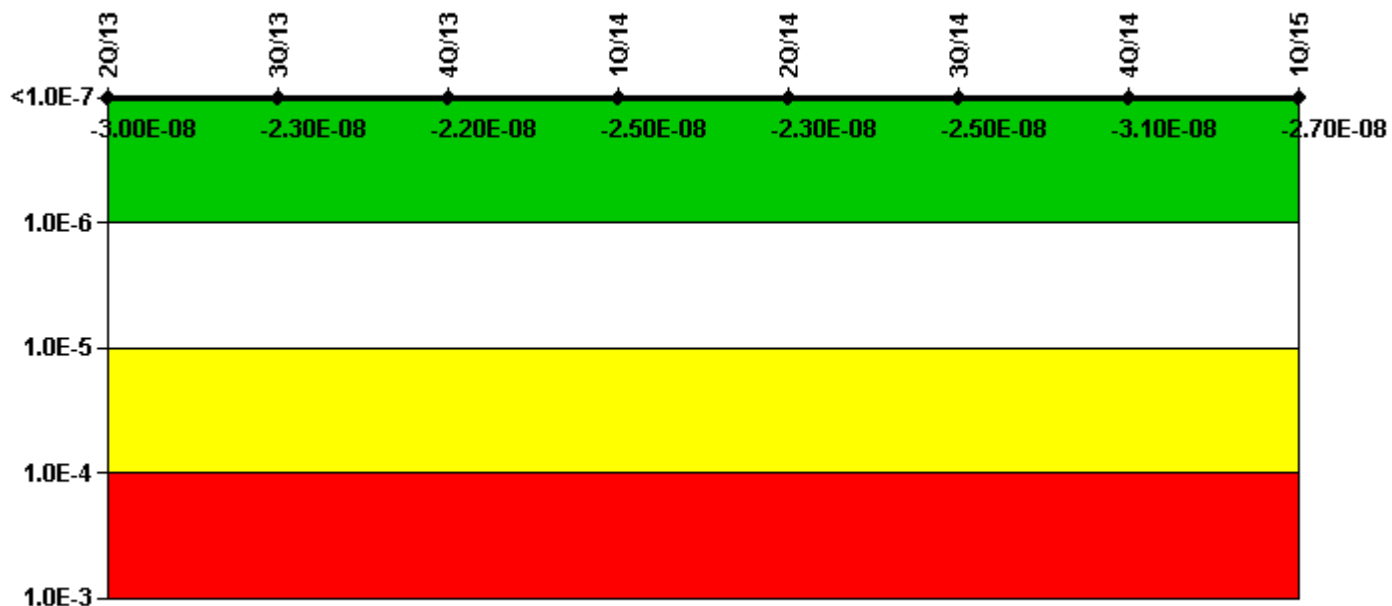
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-3.98E-08	-3.98E-08	-3.98E-08	7.26E-08	7.74E-08	7.74E-08	7.91E-08	7.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-5.90E-08	-6.00E-08	5.20E-08	5.70E-08	5.70E-08	5.90E-08	5.90E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



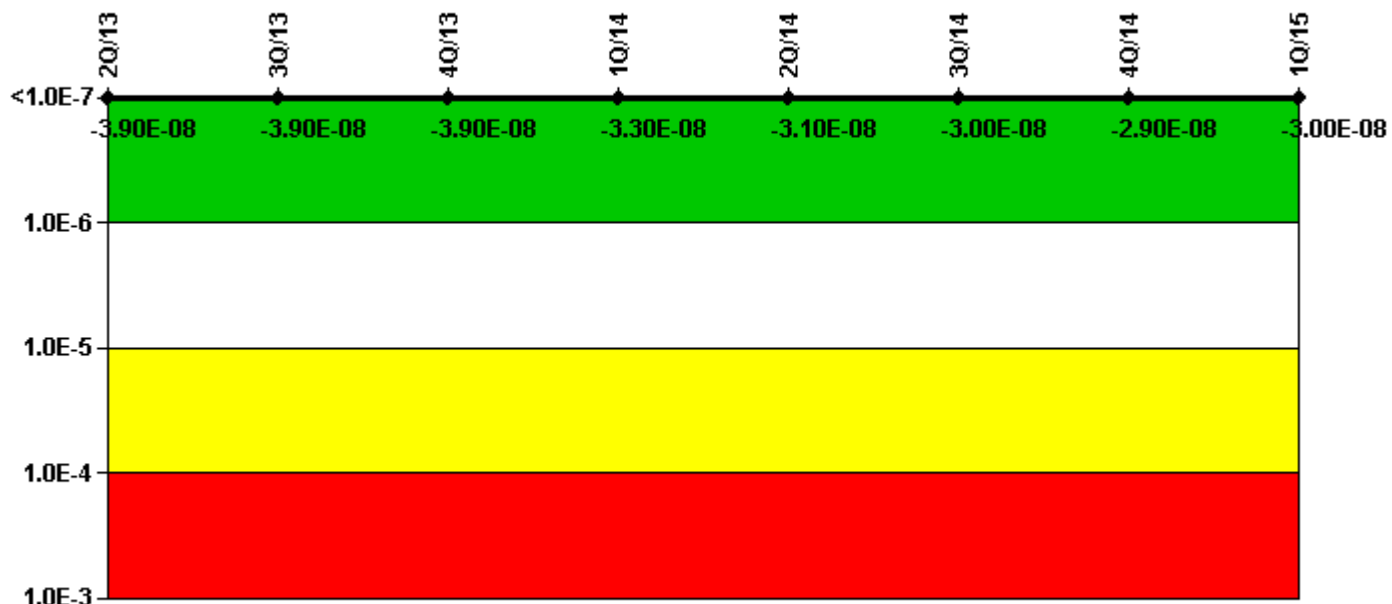
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-1.78E-09	5.71E-09	6.20E-09	3.53E-09	2.01E-09	-8.85E-10	-8.46E-09	-5.10E-09
URI (Δ CDF)	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08	-2.48E-08	-2.45E-08	-2.22E-08	-2.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08	-2.30E-08	-2.50E-08	-3.10E-08	-2.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



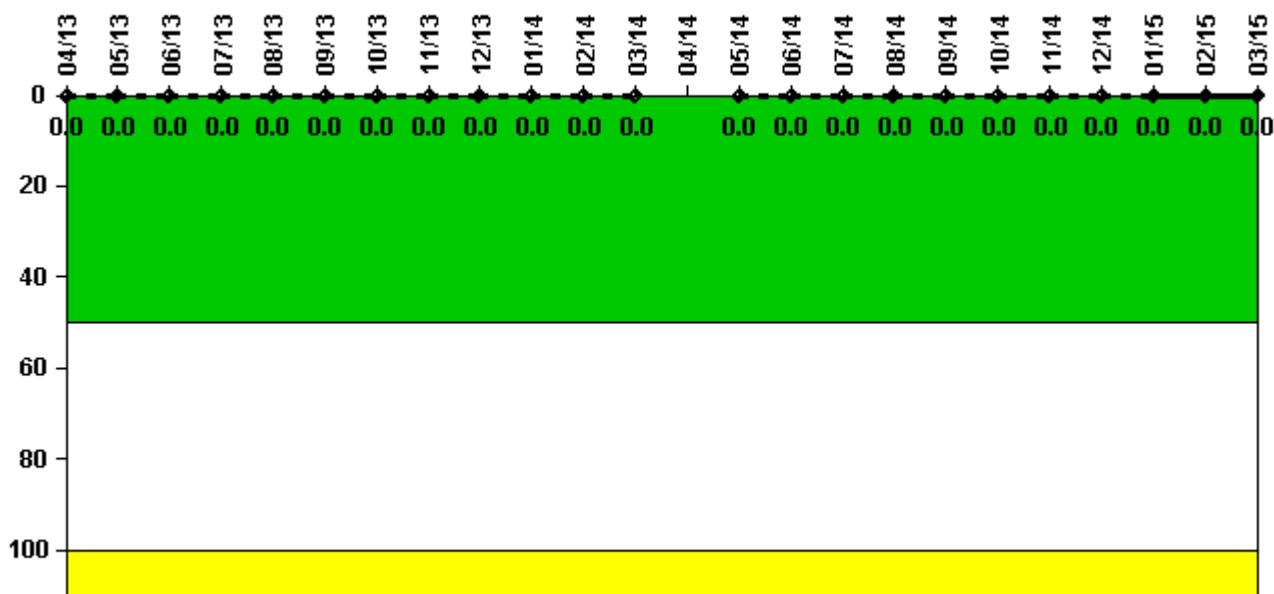
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08	-3.06E-08	-3.03E-08	-2.94E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08	-3.10E-08	-3.00E-08	-2.90E-08	-3.00E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

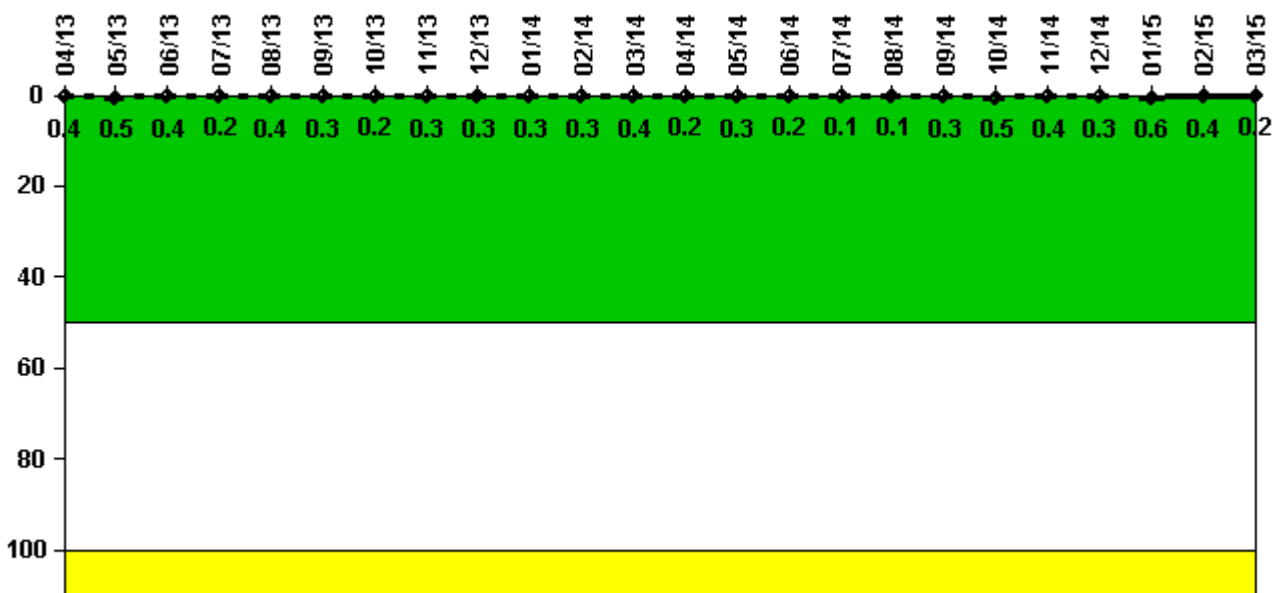
Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	N/A	0.000028	0.000033	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

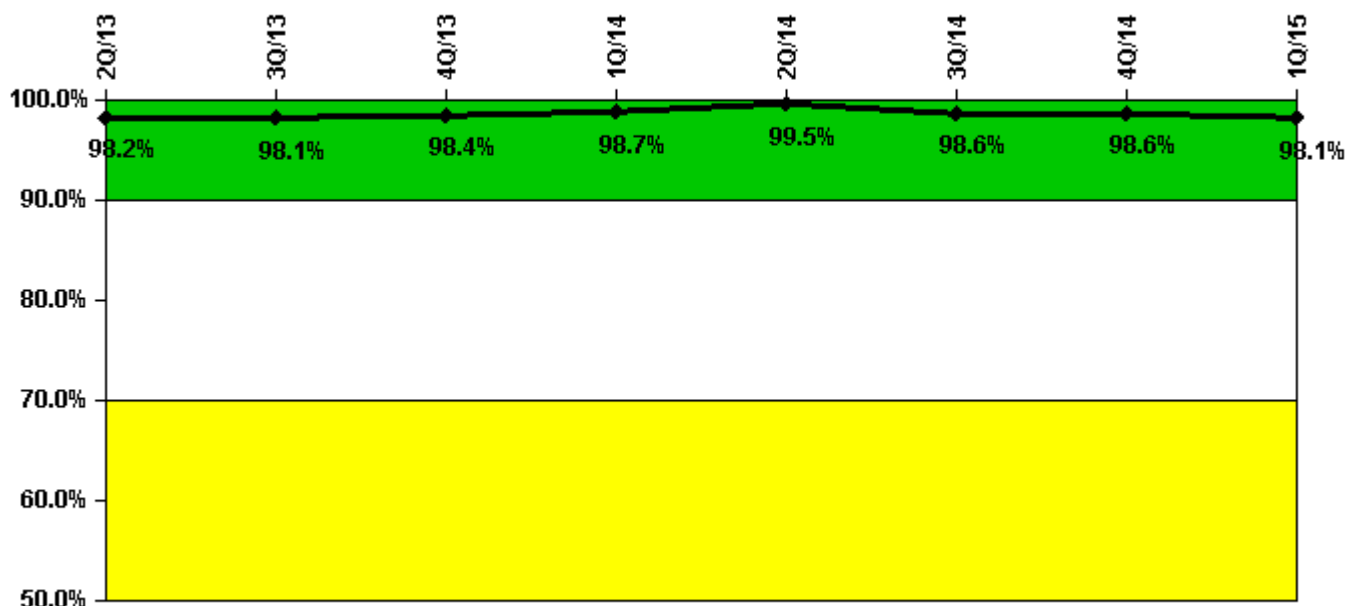
Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.040	0.045	0.035	0.024	0.043	0.034	0.024	0.033	0.032	0.026	0.026	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.4	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.4

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.020	0.026	0.018	0.013	0.013	0.031	0.052	0.037	0.033	0.058	0.038	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.4	0.3	0.6	0.4	0.2

Licensee Comments: none

Drill/Exercise Performance



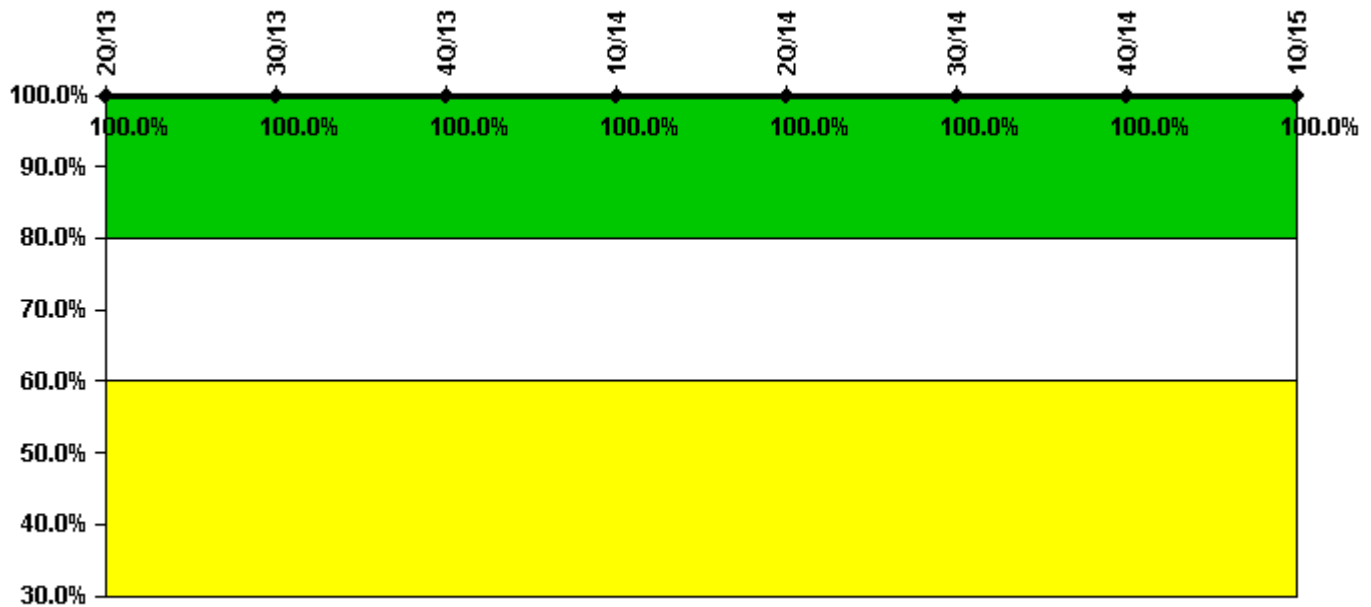
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	27.0	16.0	44.0	17.0	20.0	16.0	44.0	22.0
Total opportunities	27.0	17.0	44.0	17.0	20.0	18.0	44.0	23.0
Indicator value	98.2%	98.1%	98.4%	98.7%	99.5%	98.6%	98.6%	98.1%

Licensee Comments: none

ERO Drill Participation



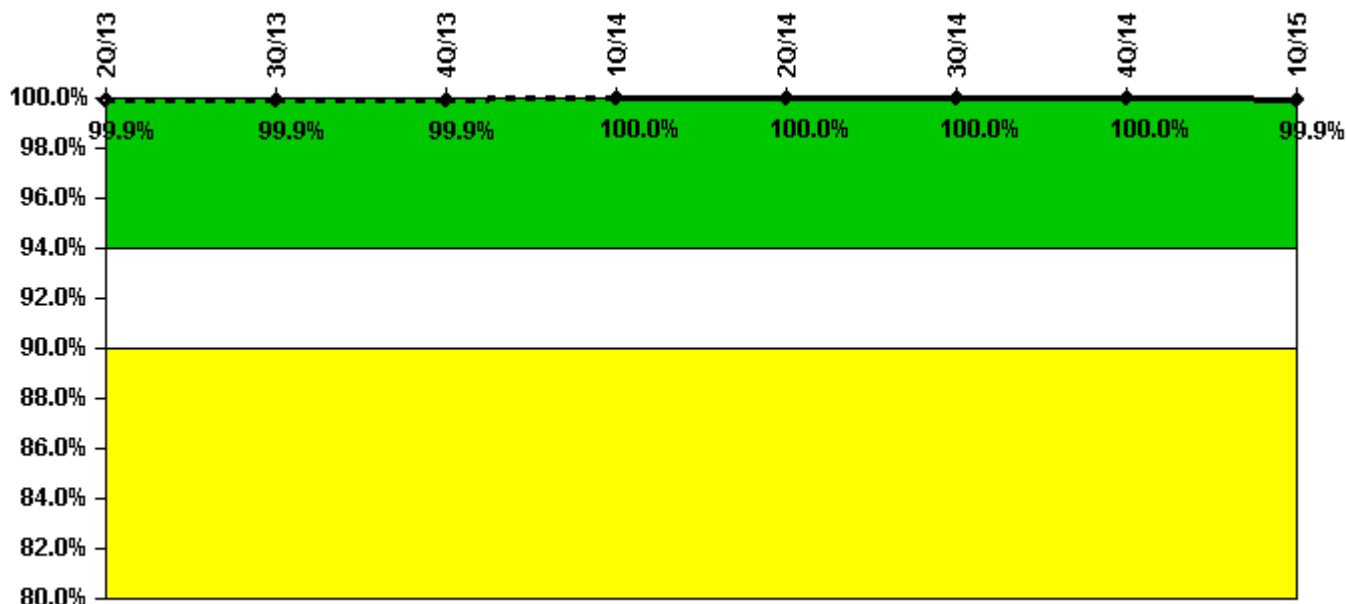
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	94.0	95.0	94.0	92.0	91.0	95.0	93.0	93.0
Total Key personnel	94.0	95.0	94.0	92.0	91.0	95.0	93.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



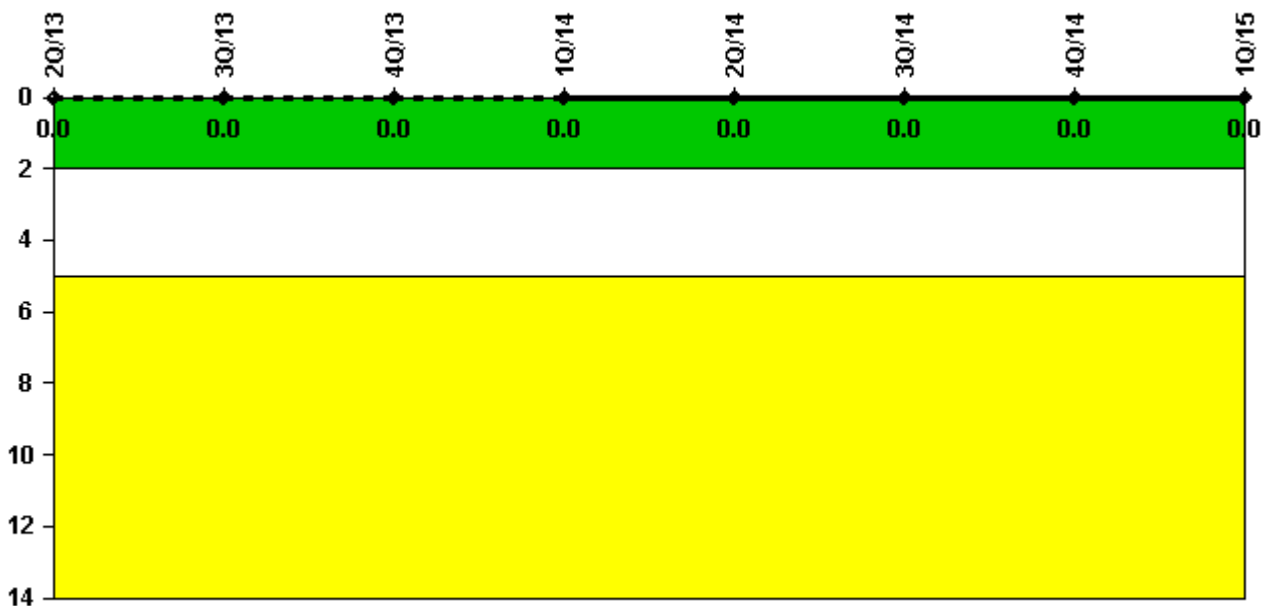
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	847	726	847	726	847	725	847	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



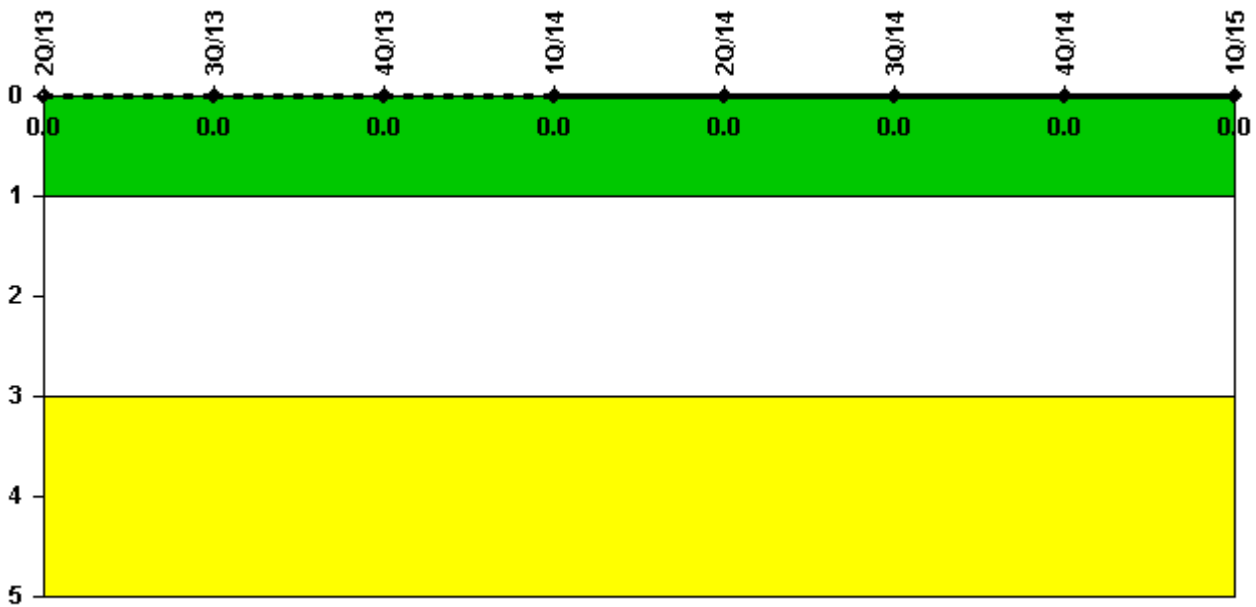
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2015

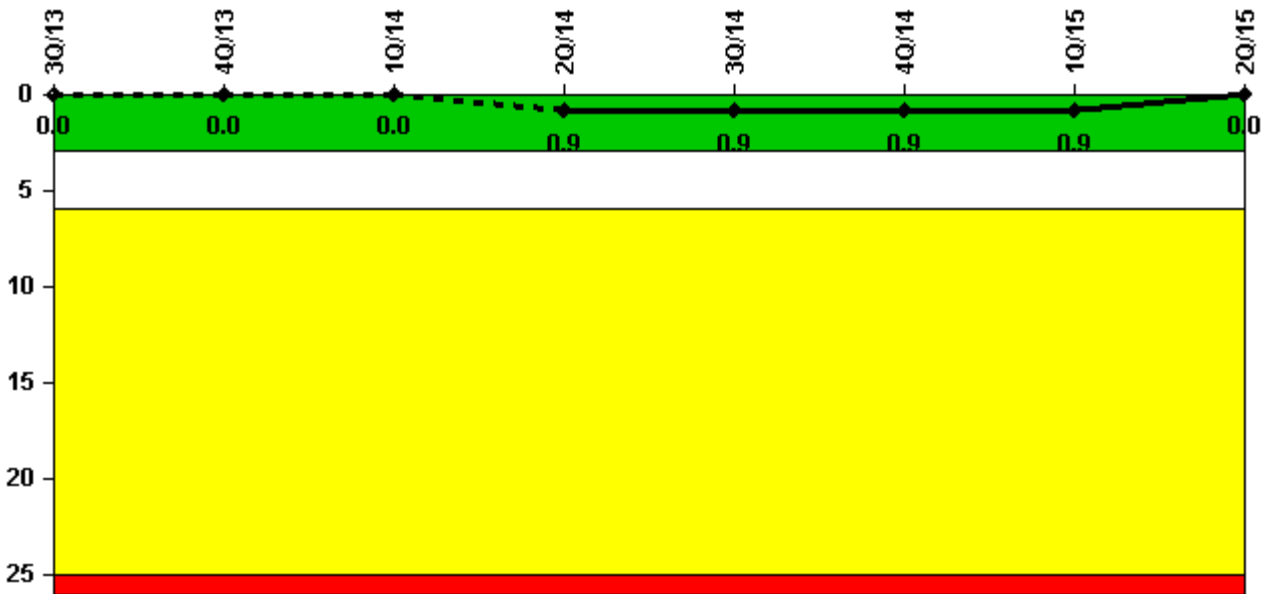
Seabrook 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



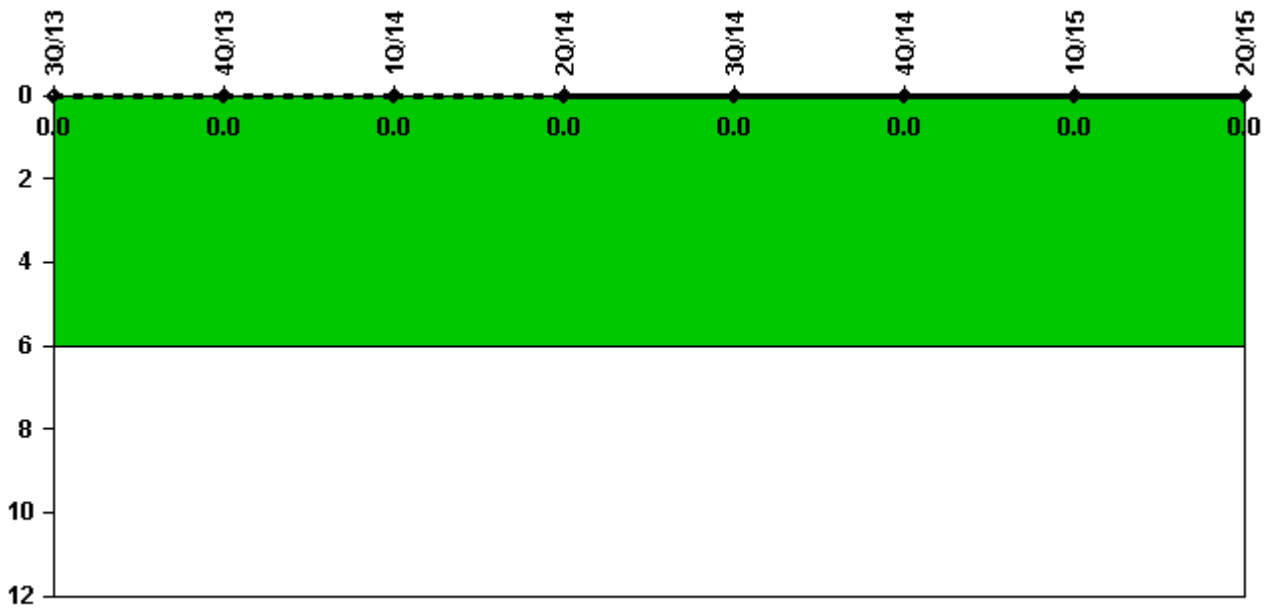
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



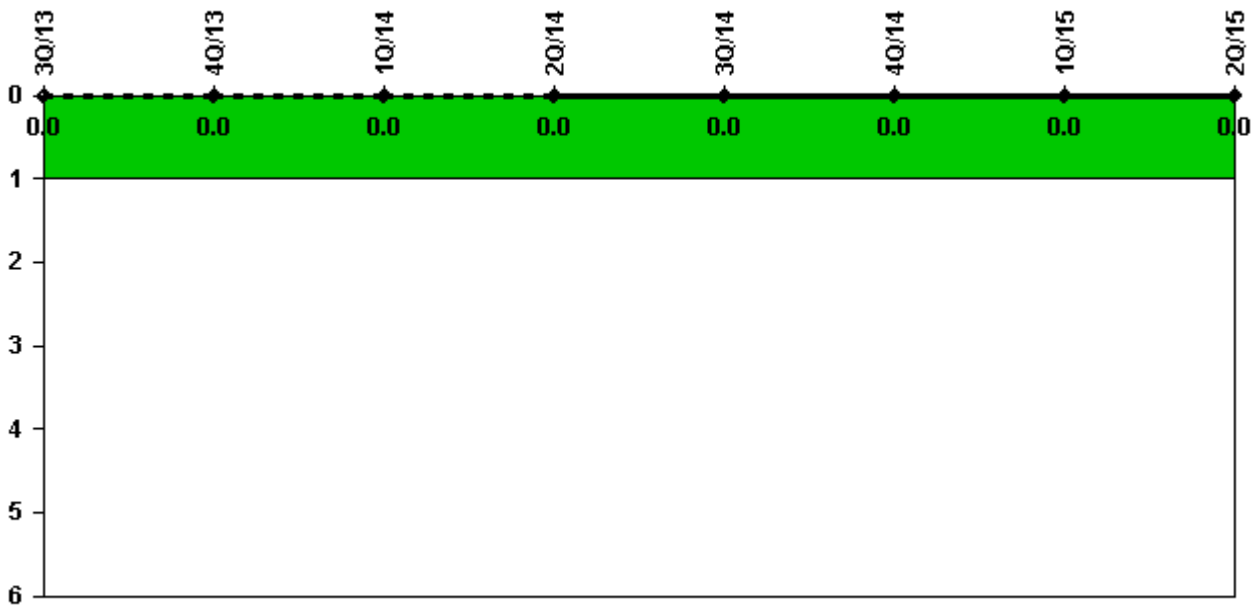
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



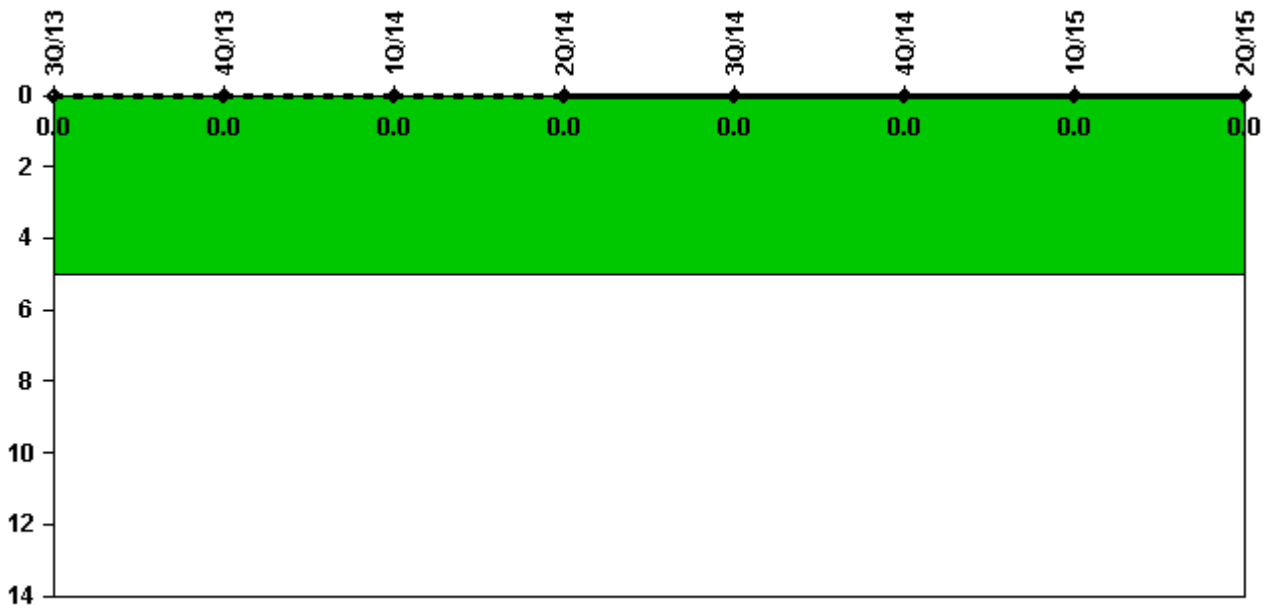
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



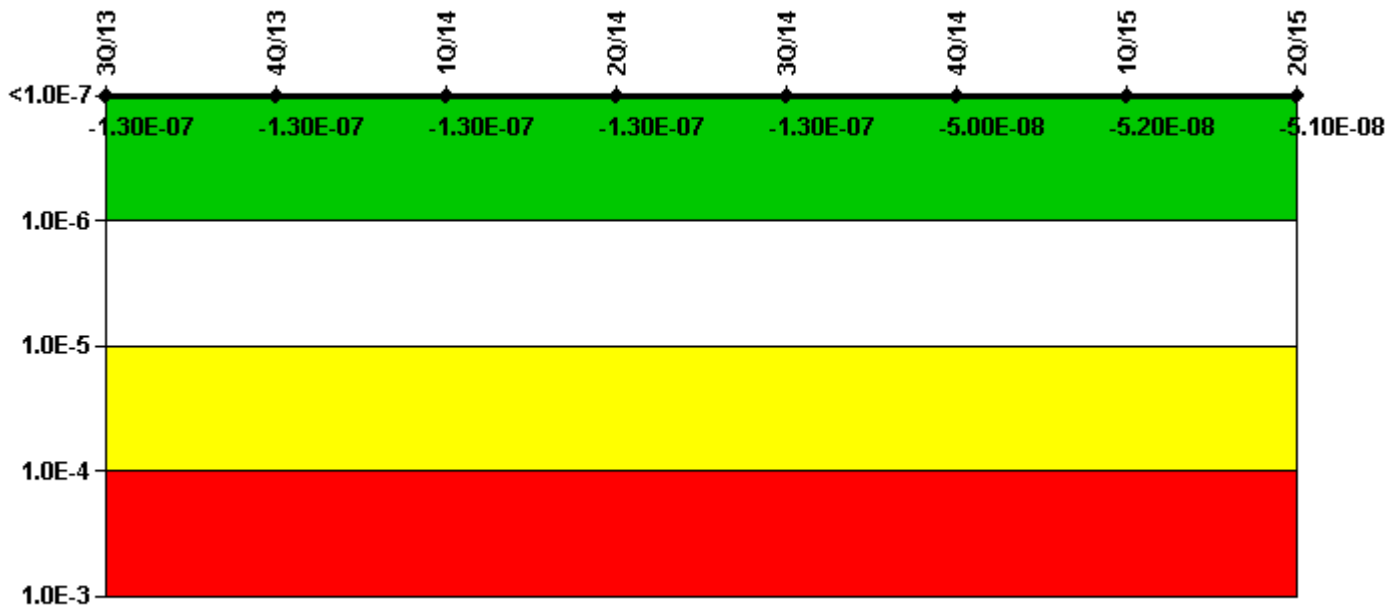
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



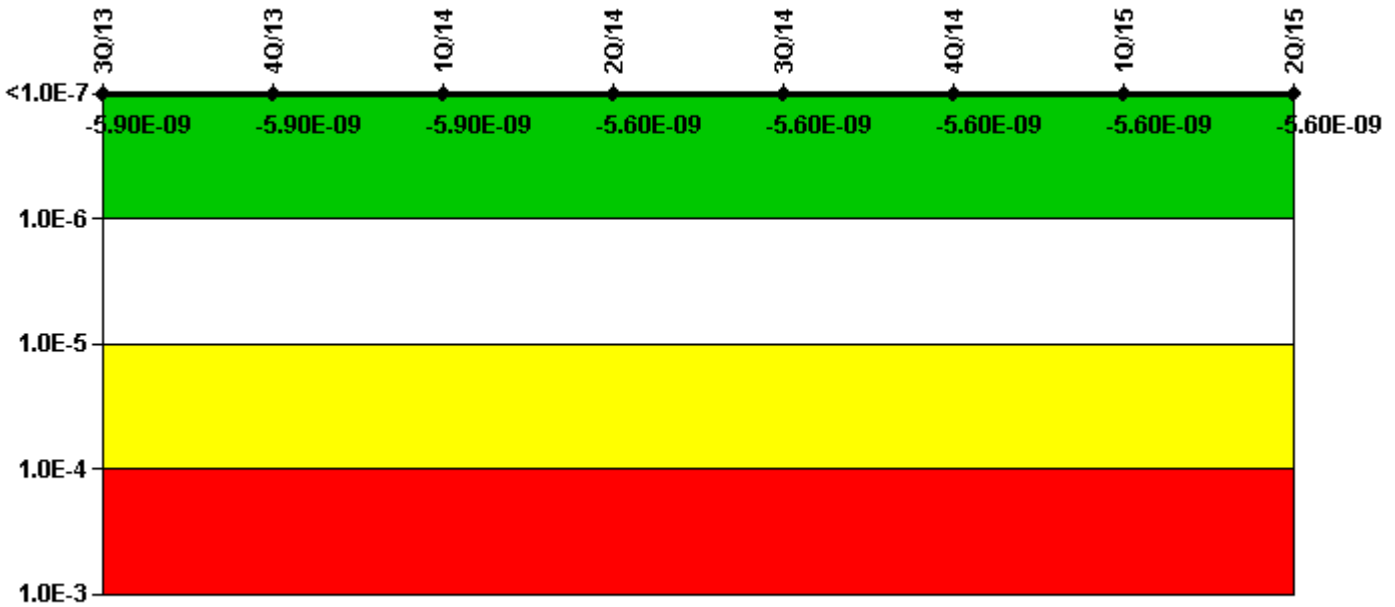
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.06E-08
URI (Δ CDF)	-9.81E-08	-9.66E-08	-9.74E-08	-9.94E-08	-9.74E-08	-1.67E-08	-1.87E-08	-2.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-5.00E-08	-5.20E-08	-5.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



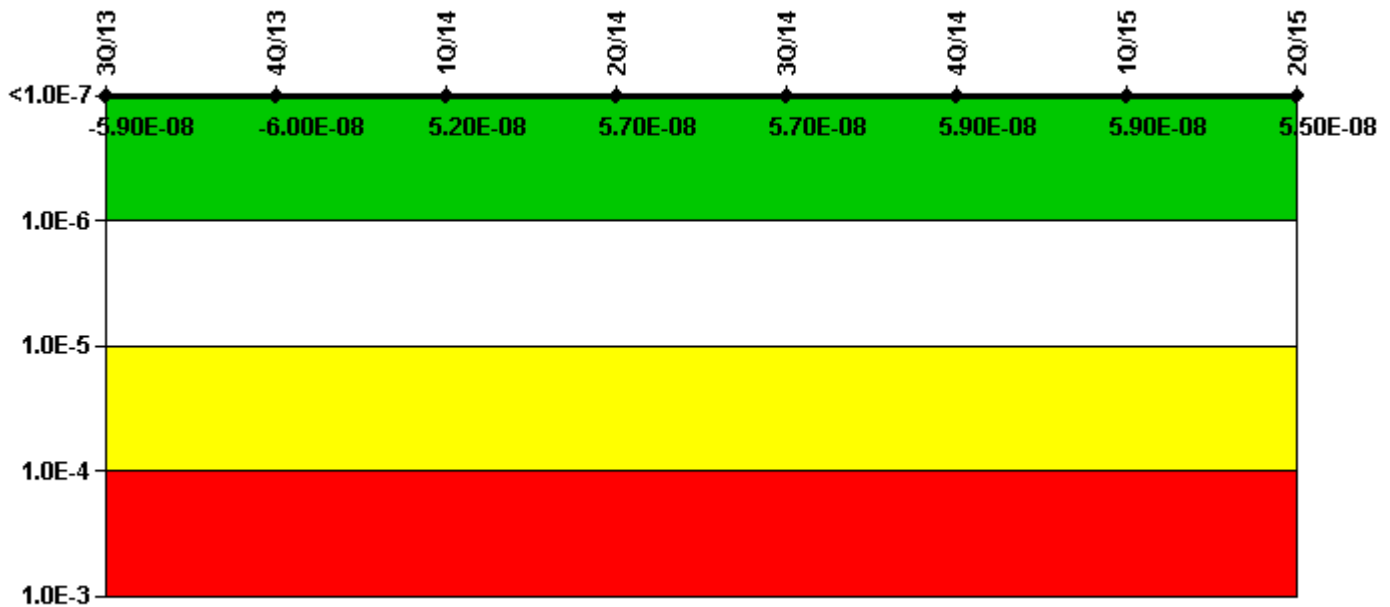
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.11E-09
URI (Δ CDF)	-2.78E-09	-2.79E-09	-2.78E-09	-2.50E-09	-2.50E-09	-2.44E-09	-2.45E-09	-2.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.90E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

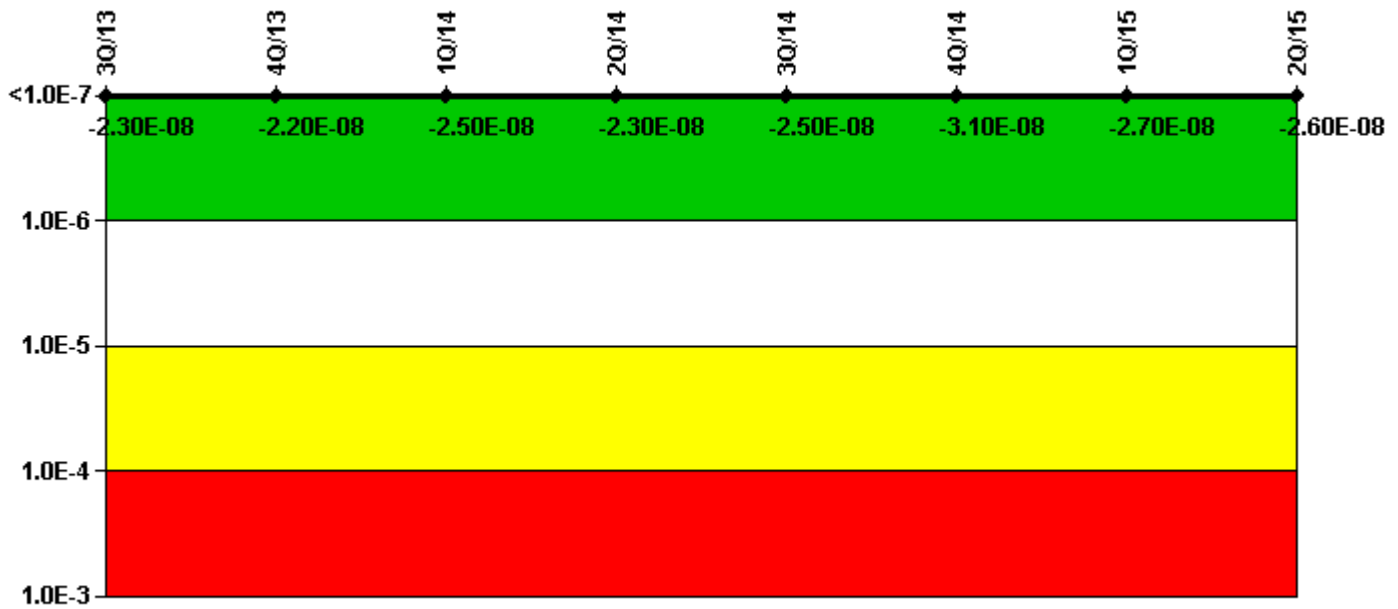
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-1.89E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.87E-08
URI (Δ CDF)	-3.98E-08	-3.98E-08	7.26E-08	7.74E-08	7.74E-08	7.91E-08	7.92E-08	7.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-6.00E-08	5.20E-08	5.70E-08	5.70E-08	5.90E-08	5.90E-08	5.50E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



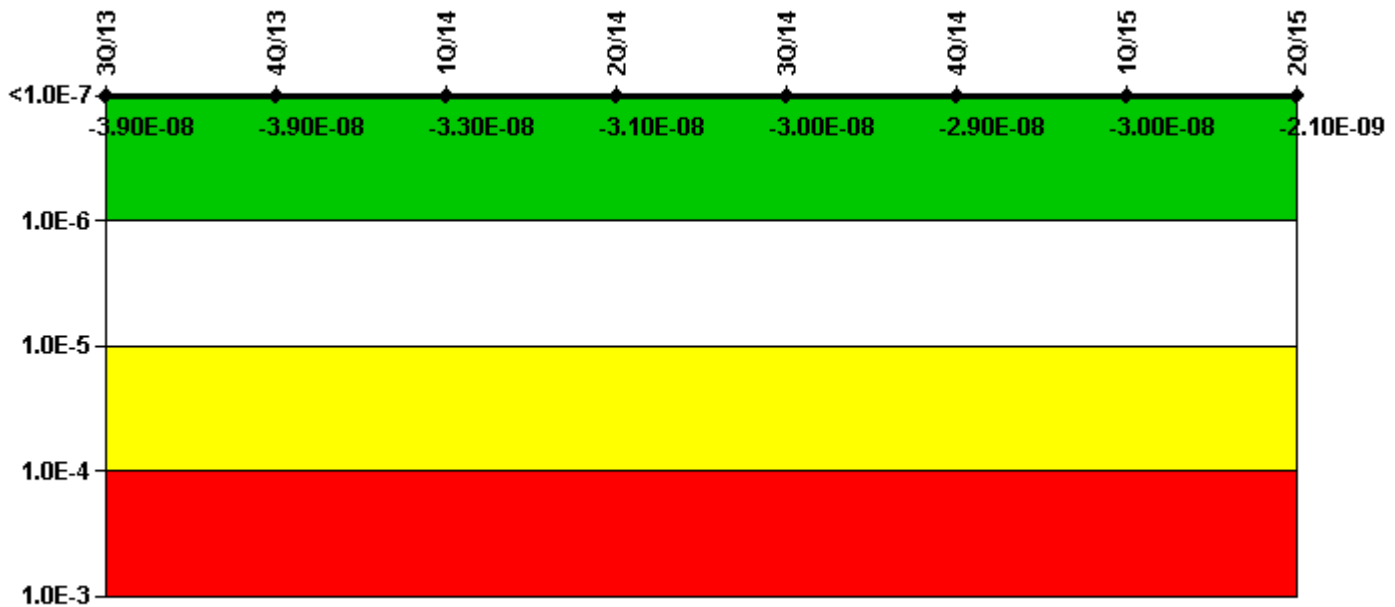
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	5.71E-09	6.20E-09	3.53E-09	2.01E-09	-8.85E-10	-8.46E-09	-5.10E-09	-3.59E-09
URI (Δ CDF)	-2.83E-08	-2.82E-08	-2.82E-08	-2.48E-08	-2.45E-08	-2.22E-08	-2.22E-08	-2.21E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-08	-2.20E-08	-2.50E-08	-2.30E-08	-2.50E-08	-3.10E-08	-2.70E-08	-2.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



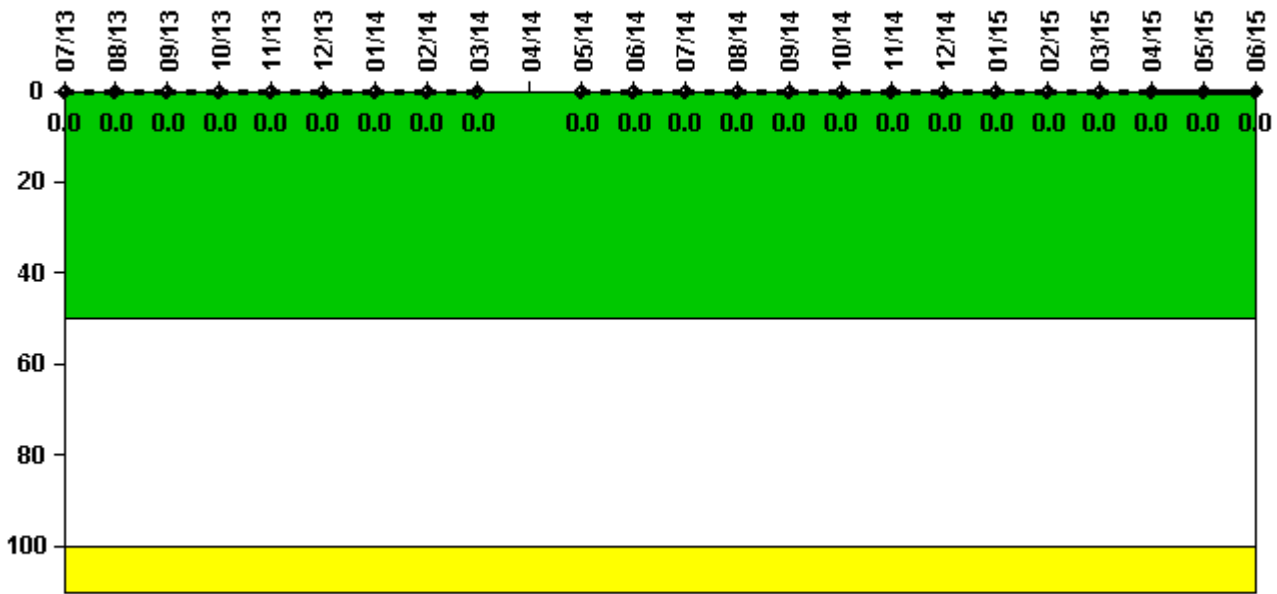
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.66E-14
URI (Δ CDF)	-3.94E-08	-3.94E-08	-3.31E-08	-3.06E-08	-3.03E-08	-2.94E-08	-3.00E-08	-2.09E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-08	-3.90E-08	-3.30E-08	-3.10E-08	-3.00E-08	-2.90E-08	-3.00E-08	-2.10E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

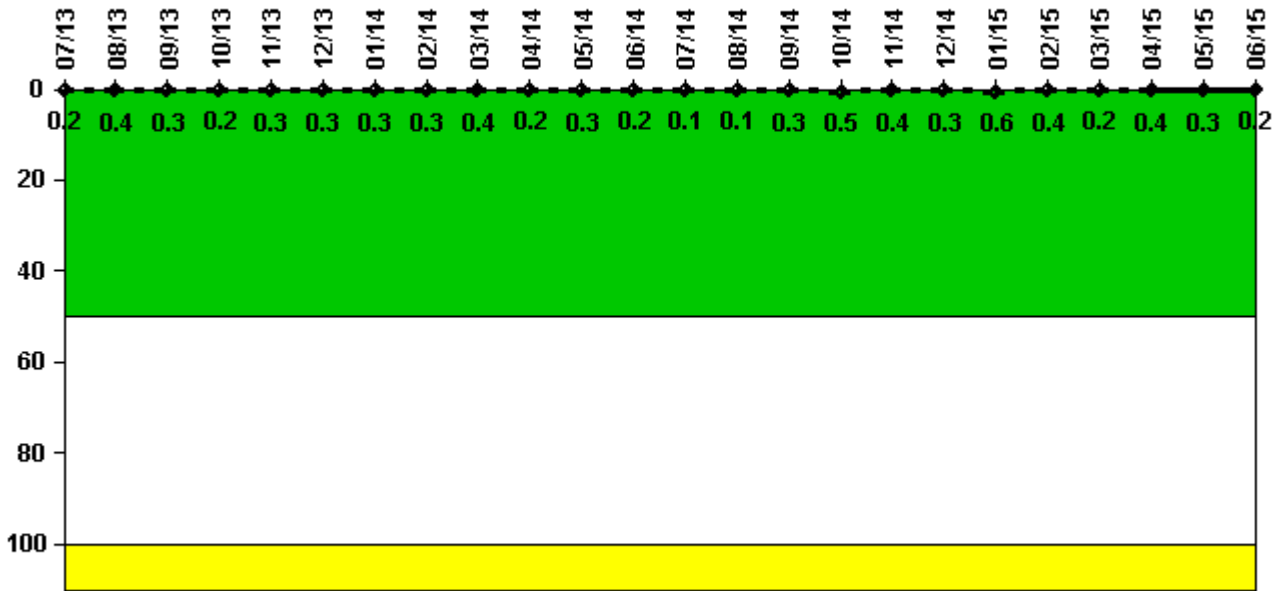
Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094	N/A	0.000028	0.000033
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



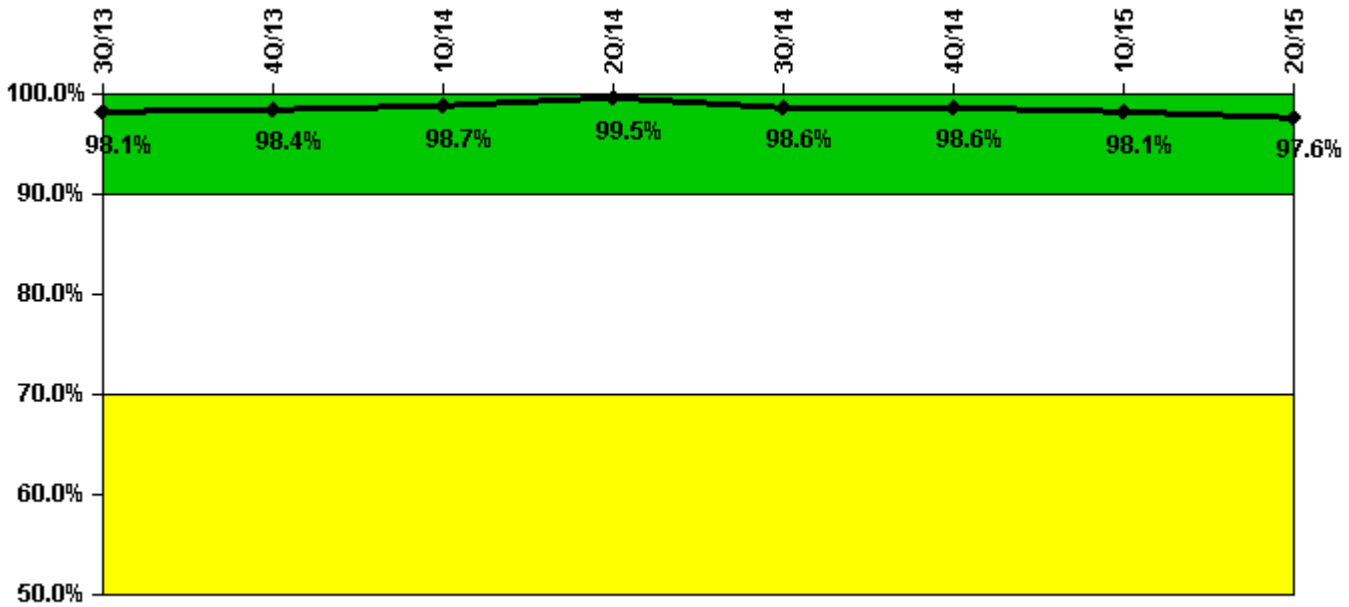
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.024	0.043	0.034	0.024	0.033	0.032	0.026	0.026	0.040	0.020	0.026	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.3	0.2
Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.013	0.013	0.031	0.052	0.037	0.033	0.058	0.038	0.016	0.036	0.026	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.3	0.5	0.4	0.3	0.6	0.4	0.2	0.4	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



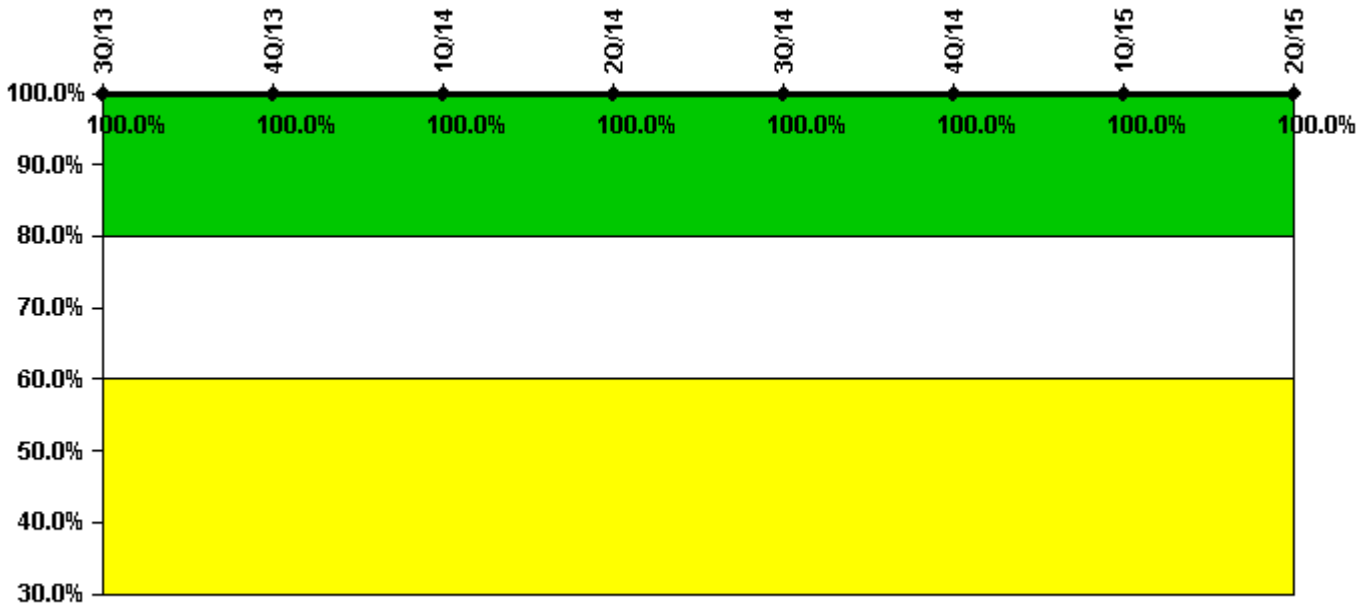
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	16.0	44.0	17.0	20.0	16.0	44.0	22.0	27.0
Total opportunities	17.0	44.0	17.0	20.0	18.0	44.0	23.0	28.0
Indicator value	98.1%	98.4%	98.7%	99.5%	98.6%	98.6%	98.1%	97.6%

Licensee Comments: none

ERO Drill Participation



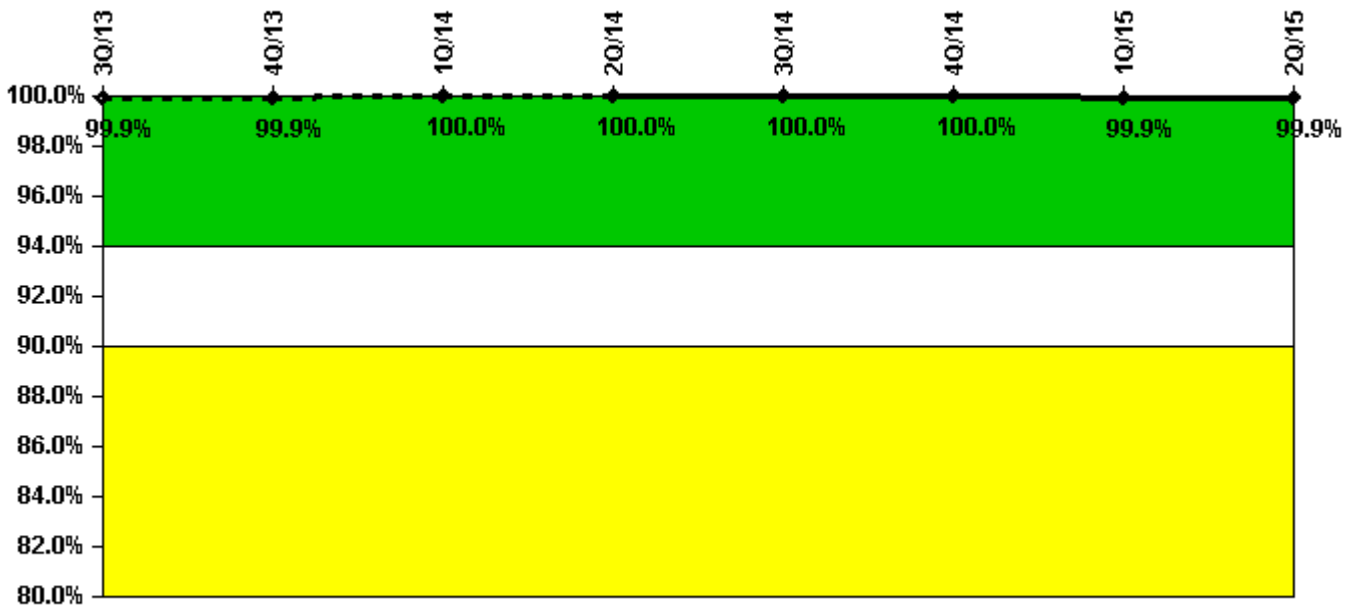
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	95.0	94.0	92.0	91.0	95.0	93.0	93.0	94.0
Total Key personnel	95.0	94.0	92.0	91.0	95.0	93.0	93.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



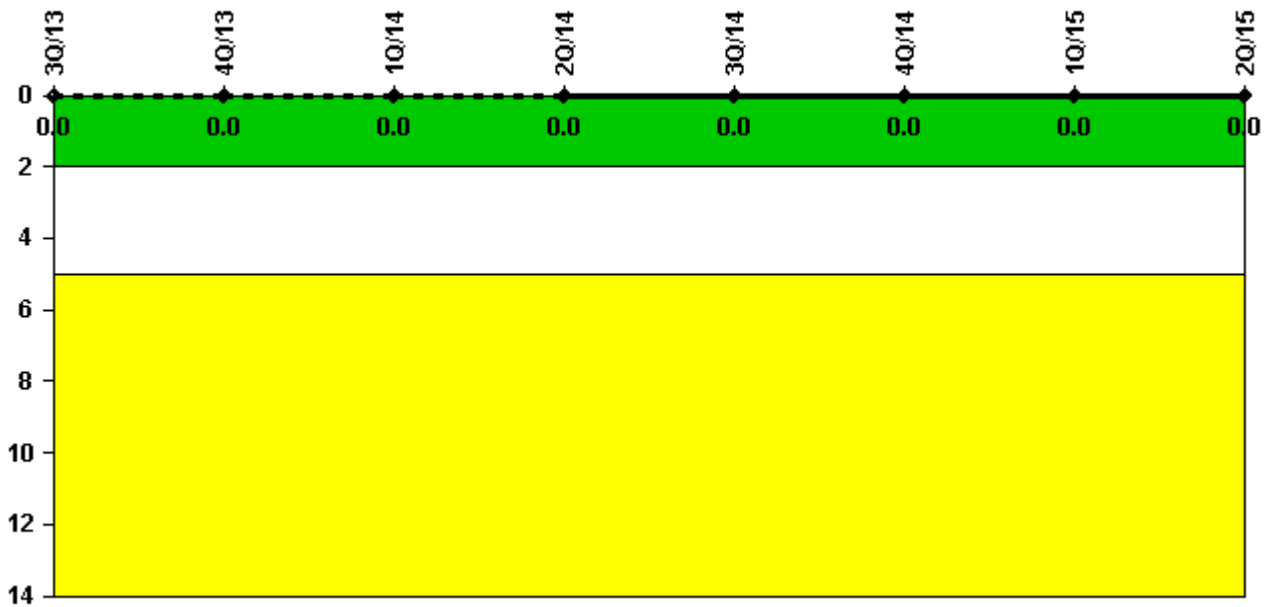
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	726	847	726	847	725	847	725	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



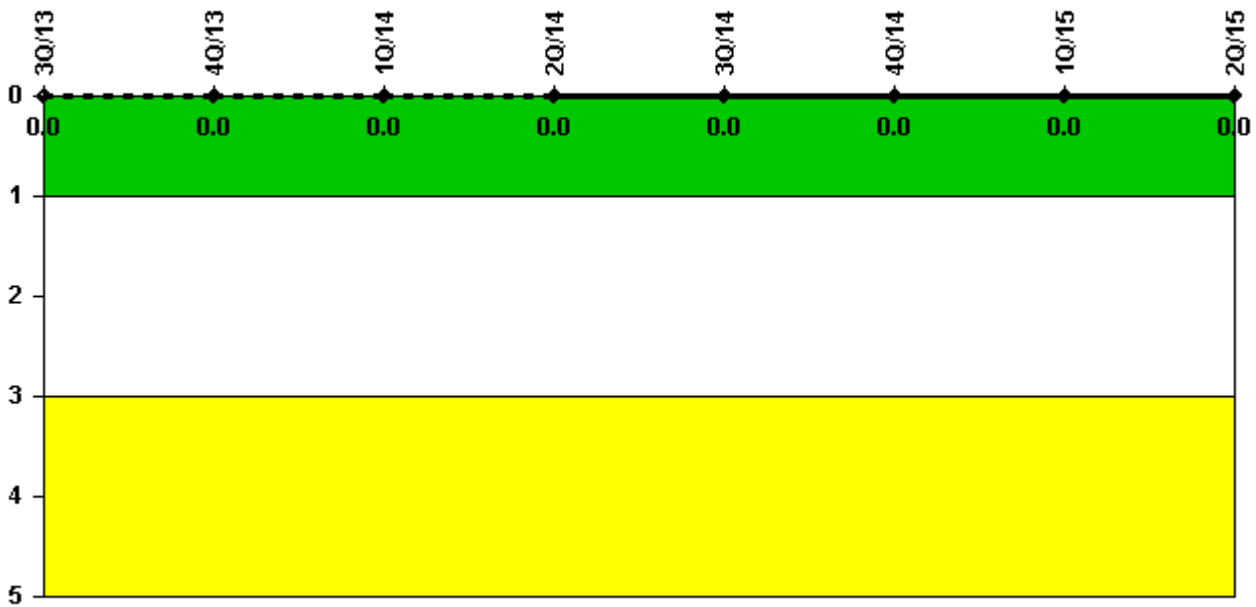
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: July 24, 2015

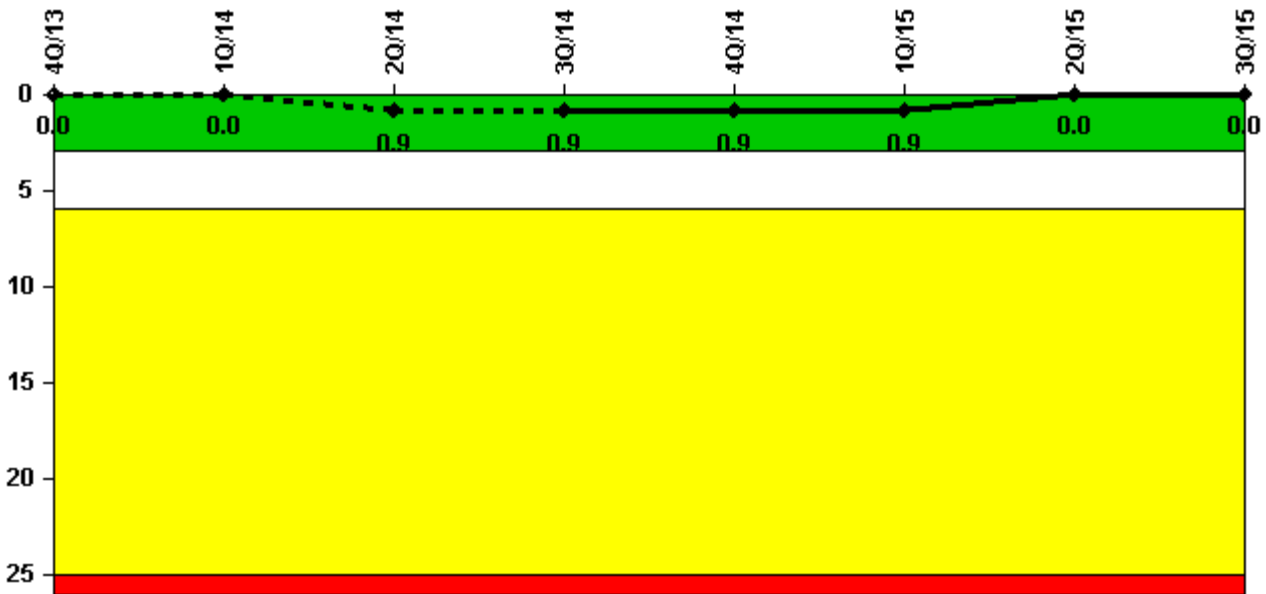
Seabrook 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



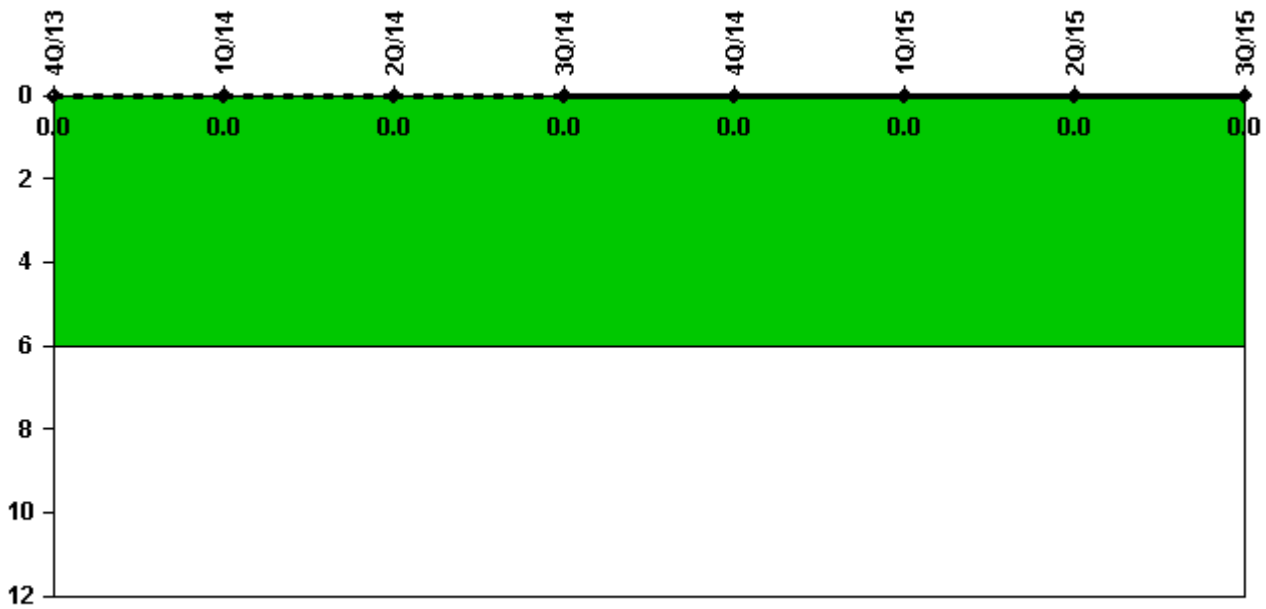
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



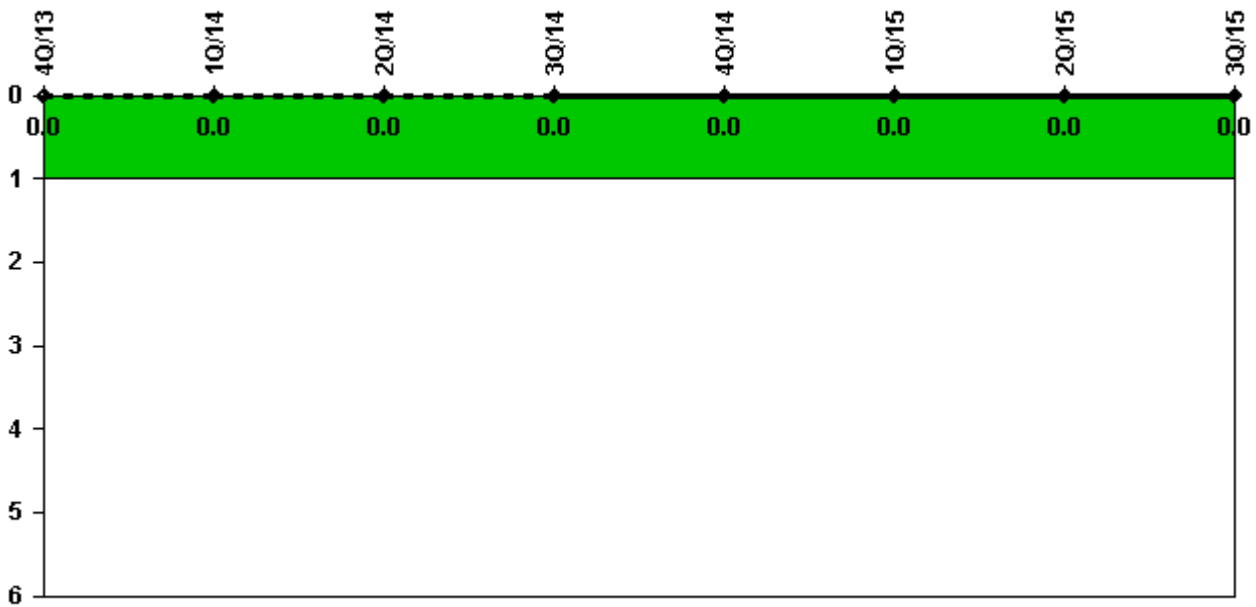
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



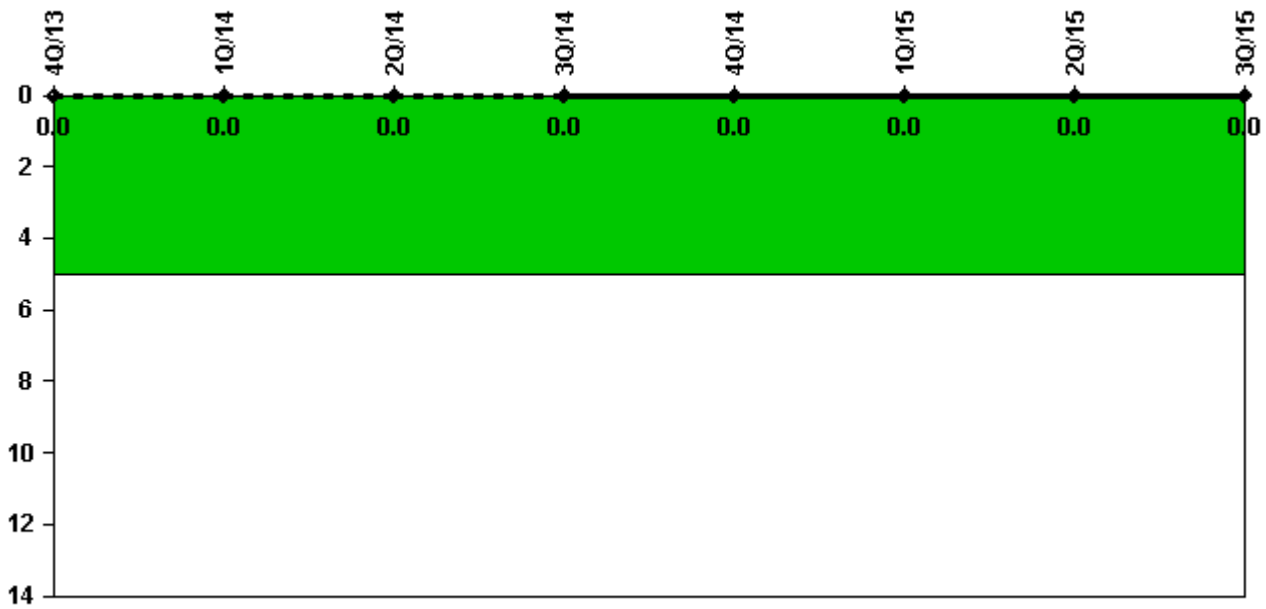
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



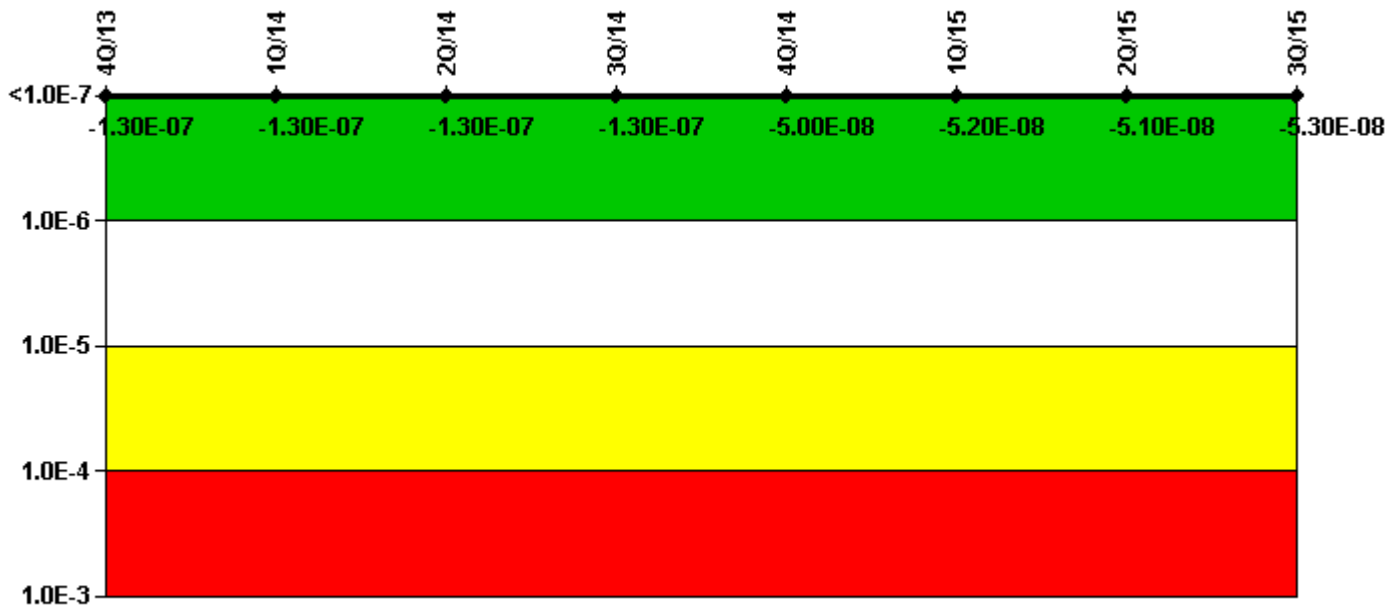
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



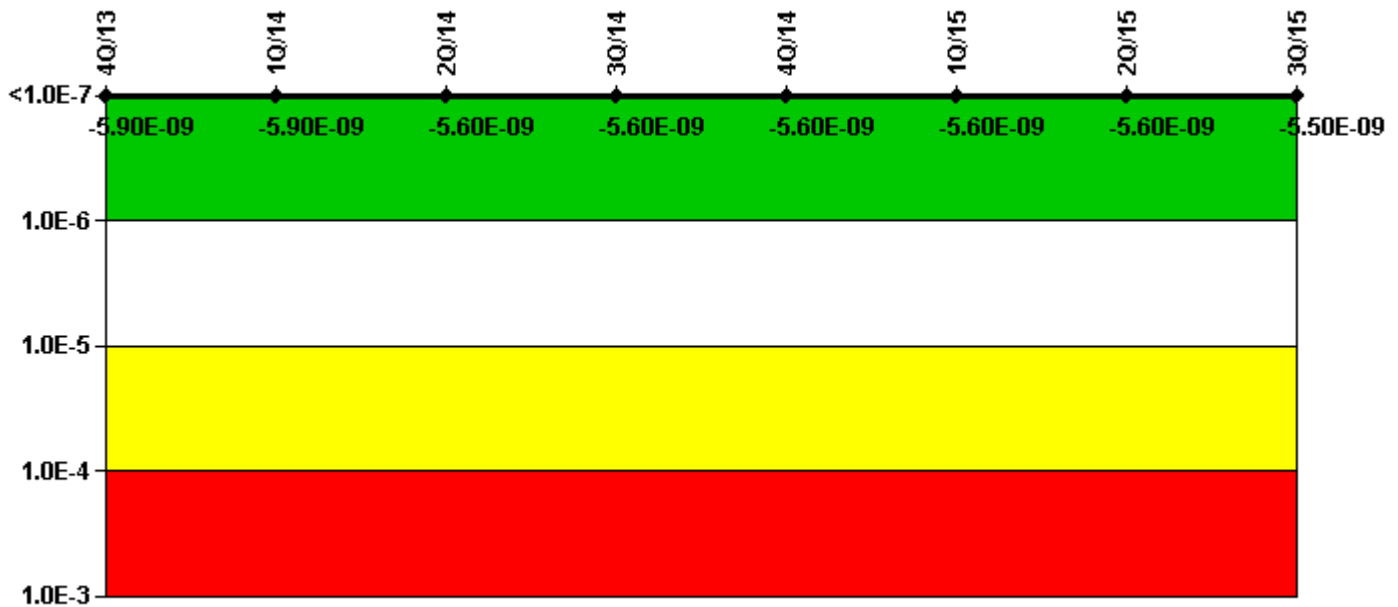
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.06E-08	-3.06E-08
URI (Δ CDF)	-9.66E-08	-9.74E-08	-9.94E-08	-9.74E-08	-1.67E-08	-1.87E-08	-2.01E-08	-2.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-5.00E-08	-5.20E-08	-5.10E-08	-5.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



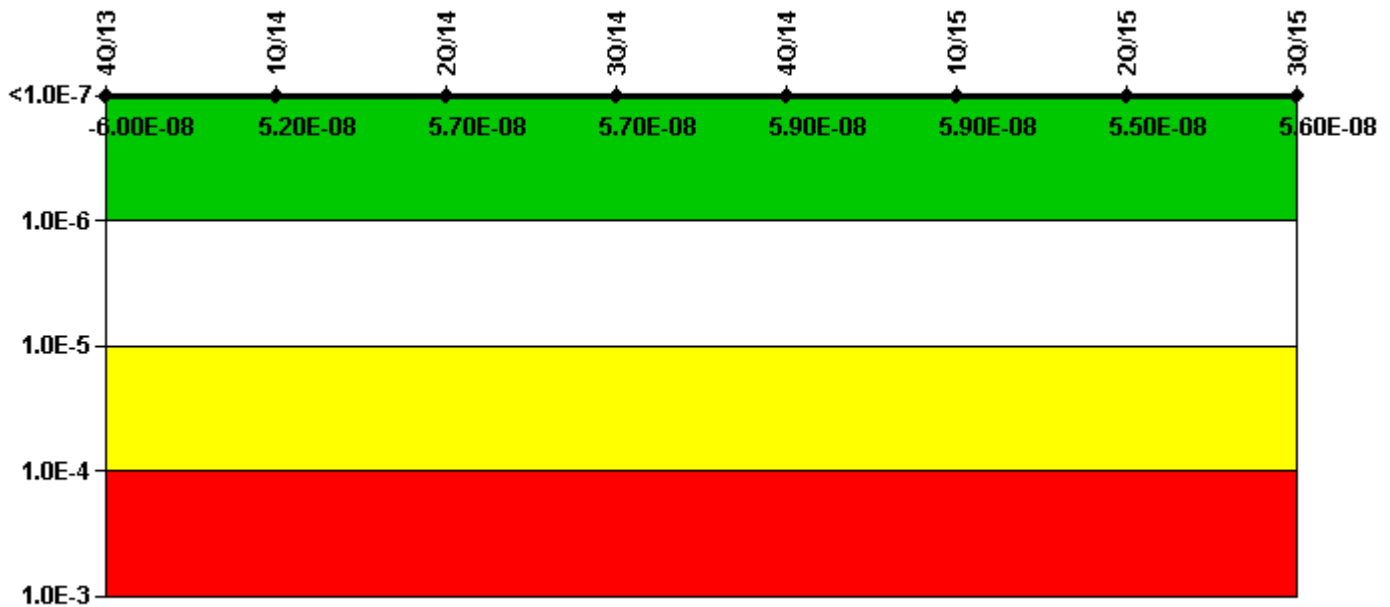
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.11E-09	-3.11E-09
URI (Δ CDF)	-2.79E-09	-2.78E-09	-2.50E-09	-2.50E-09	-2.44E-09	-2.45E-09	-2.50E-09	-2.35E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.90E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	-3.98E-08	7.26E-08	7.74E-08	7.74E-08	7.91E-08	7.92E-08	7.32E-08	7.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	5.20E-08	5.70E-08	5.70E-08	5.90E-08	5.90E-08	5.50E-08	5.60E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



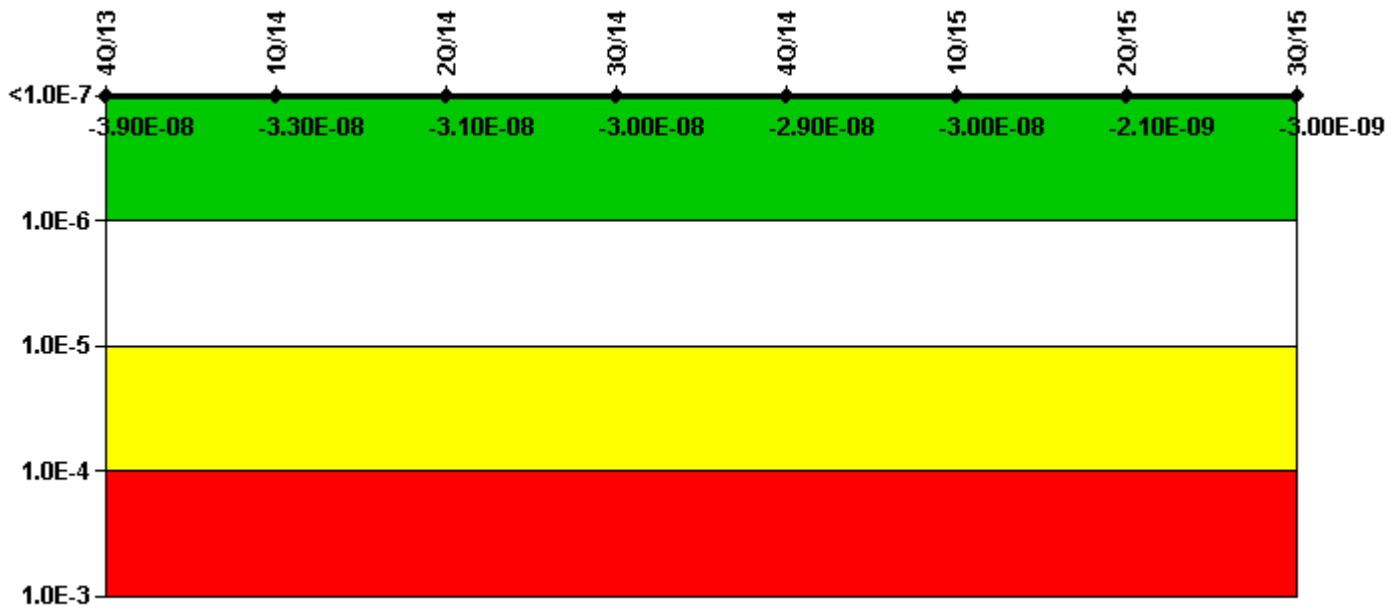
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	6.20E-09	3.53E-09	2.01E-09	-8.85E-10	-8.46E-09	-5.10E-09	-3.59E-09	-8.49E-09
URI (Δ CDF)	-2.82E-08	-2.82E-08	-2.48E-08	-2.45E-08	-2.22E-08	-2.22E-08	-2.21E-08	-2.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-08	-2.50E-08	-2.30E-08	-2.50E-08	-3.10E-08	-2.70E-08	-2.60E-08	-2.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



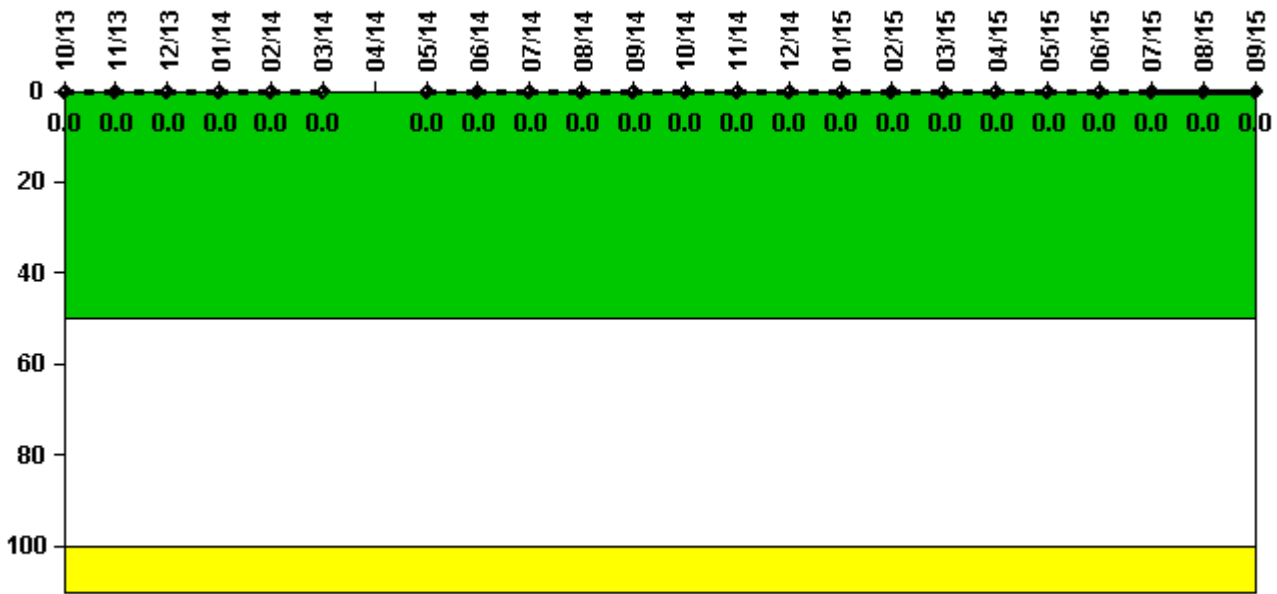
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.94E-08	-3.31E-08	-3.06E-08	-3.03E-08	-2.94E-08	-3.00E-08	-2.09E-09	-2.98E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-08	-3.30E-08	-3.10E-08	-3.00E-08	-2.90E-08	-3.00E-08	-2.10E-09	-3.00E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

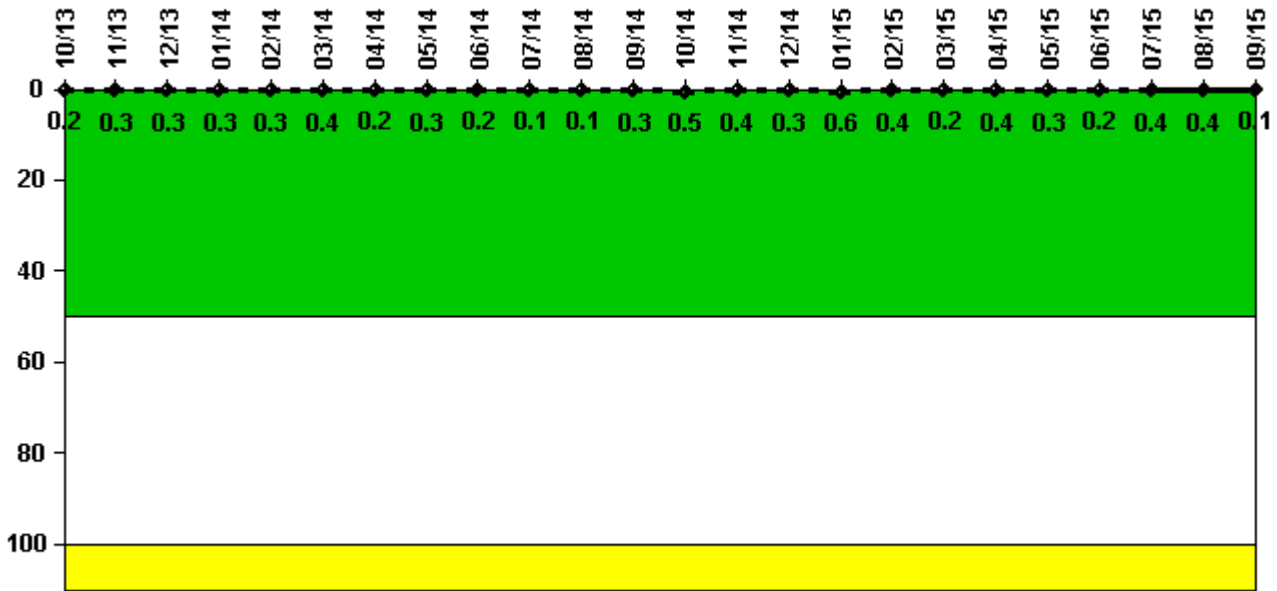
Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094	N/A	0.000028	0.000033	0.000041	0.000037	0.000038
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

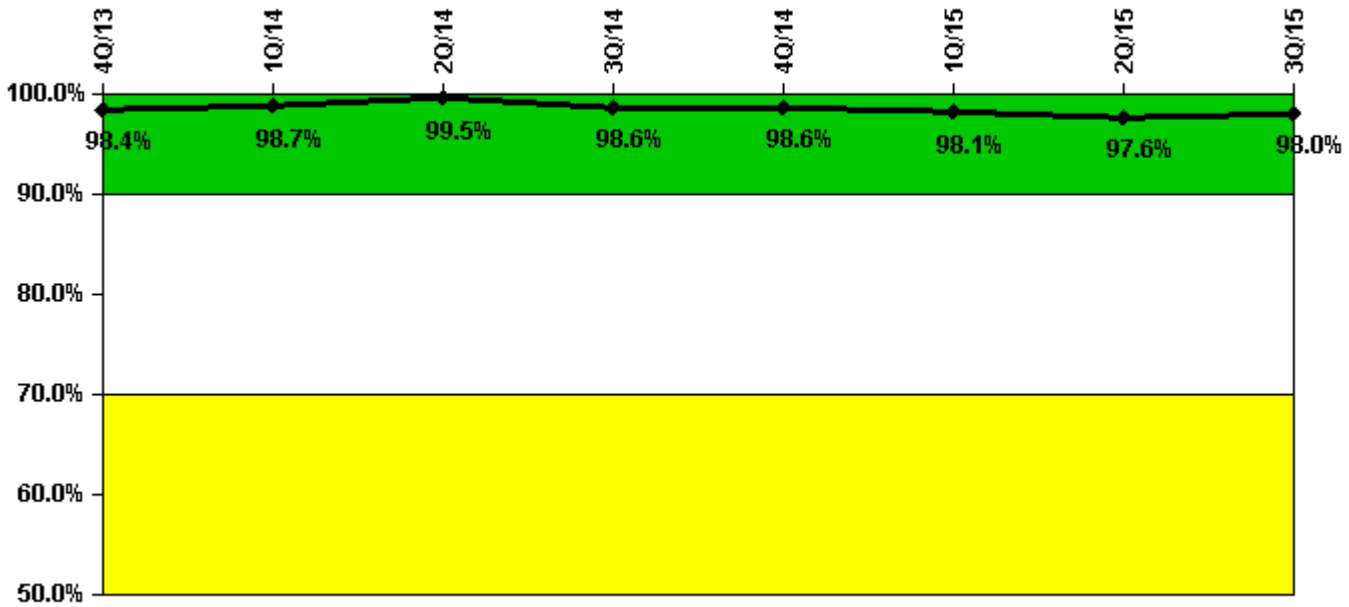
Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.024	0.033	0.032	0.026	0.026	0.040	0.020	0.026	0.018	0.013	0.013	0.031
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.3	0.2	0.1	0.1	0.3

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.052	0.037	0.033	0.058	0.038	0.016	0.036	0.026	0.024	0.035	0.037	0.012
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.3	0.6	0.4	0.2	0.4	0.3	0.2	0.4	0.4	0.1

Licensee Comments: none

Drill/Exercise Performance



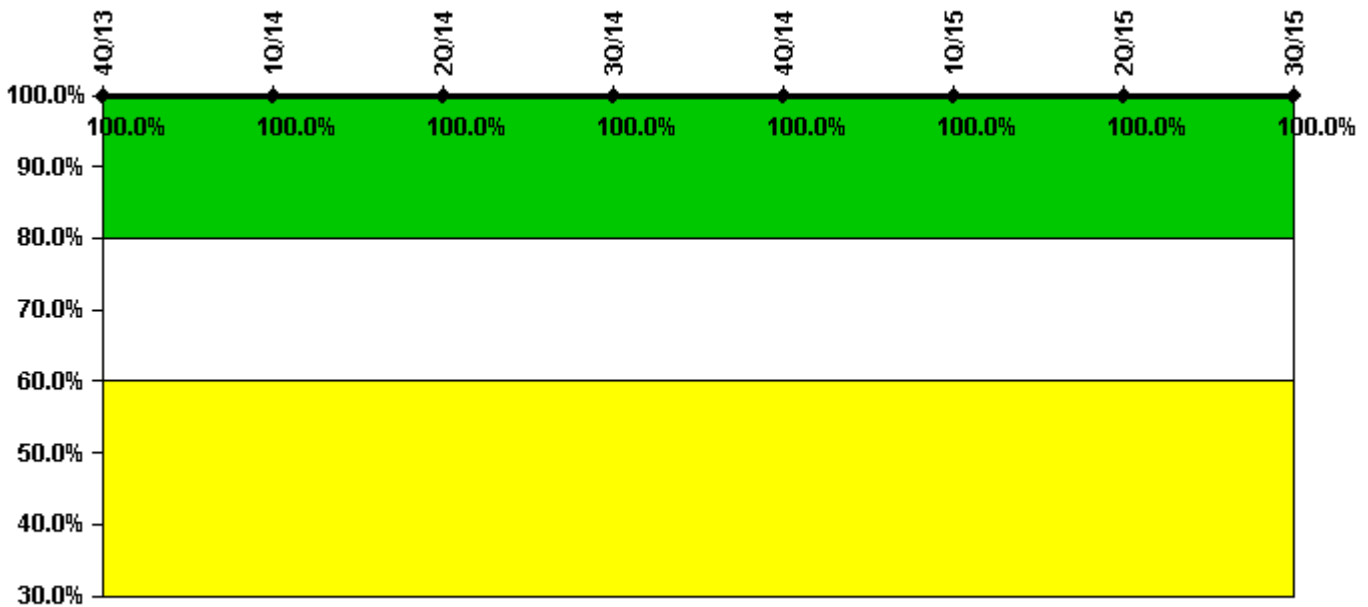
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	44.0	17.0	20.0	16.0	44.0	22.0	27.0	4.0
Total opportunities	44.0	17.0	20.0	18.0	44.0	23.0	28.0	4.0
Indicator value	98.4%	98.7%	99.5%	98.6%	98.6%	98.1%	97.6%	98.0%

Licensee Comments: none

ERO Drill Participation



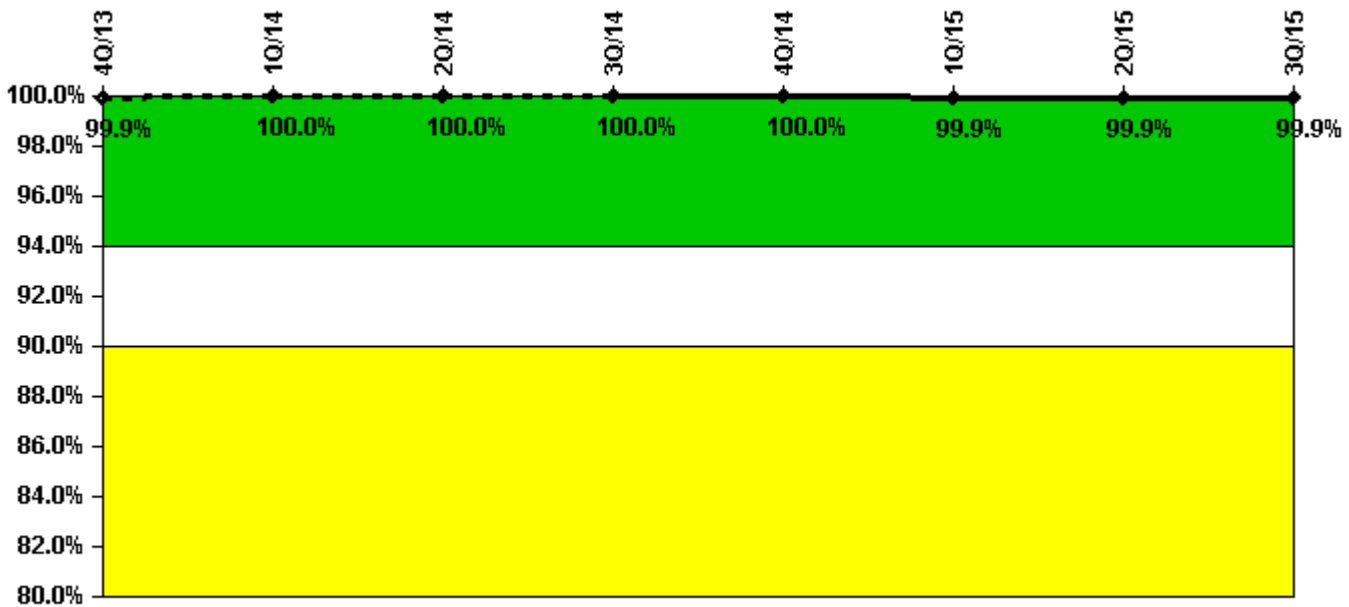
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	94.0	92.0	91.0	95.0	93.0	93.0	94.0	94.0
Total Key personnel	94.0	92.0	91.0	95.0	93.0	93.0	94.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



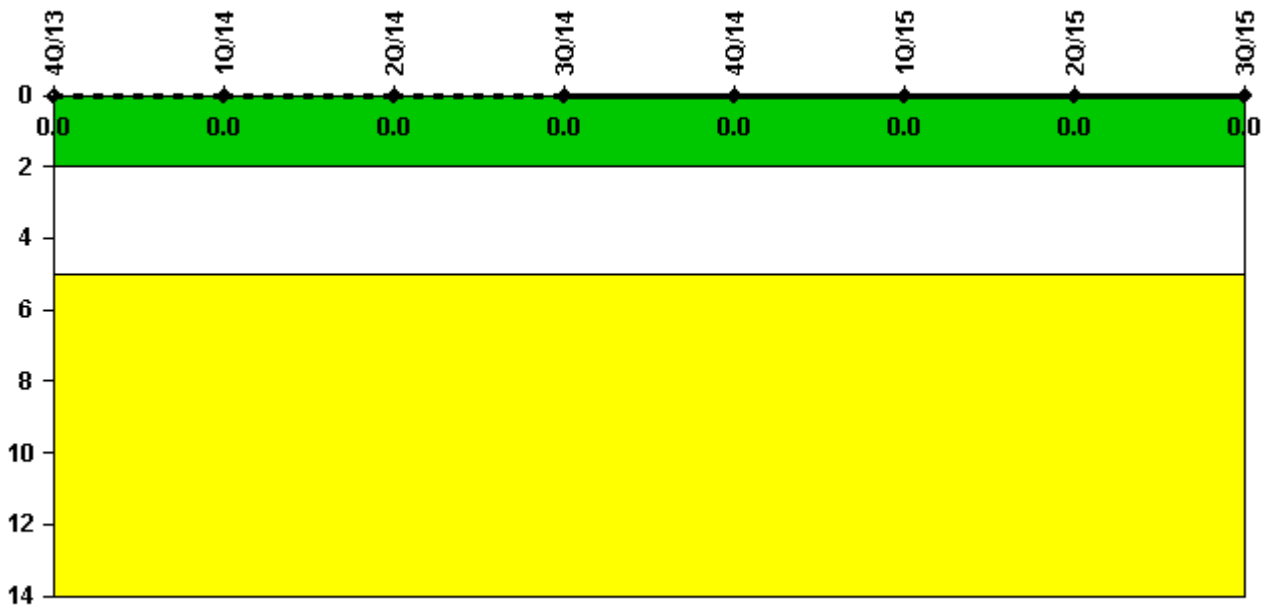
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	847	726	847	725	847	725	847	724
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



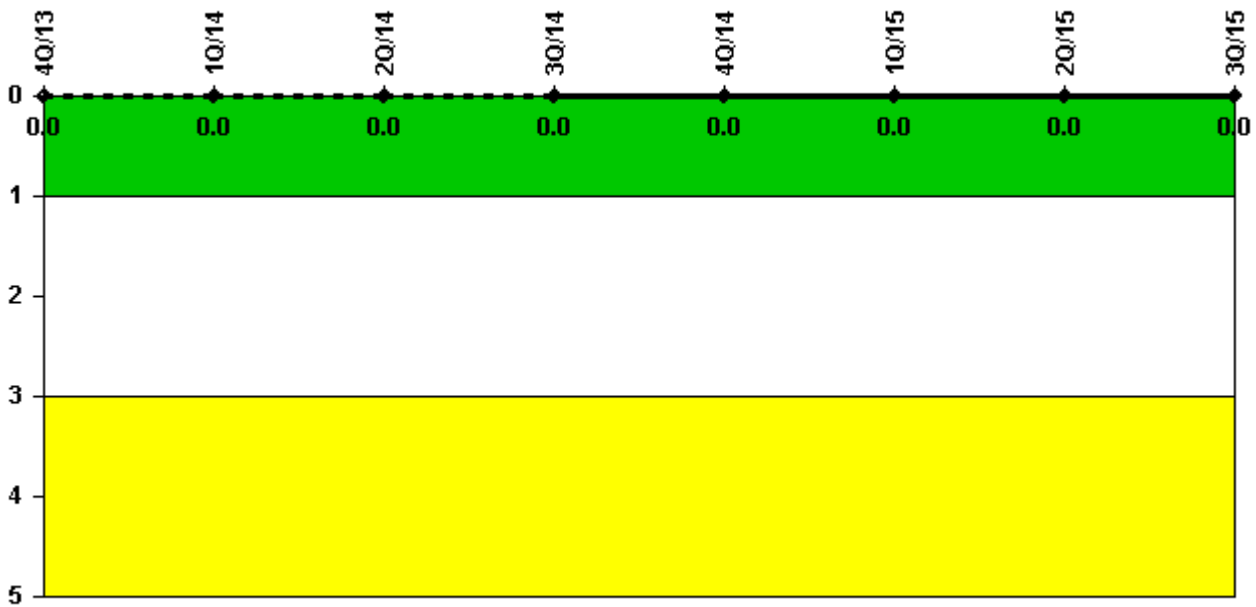
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: December 15, 2015

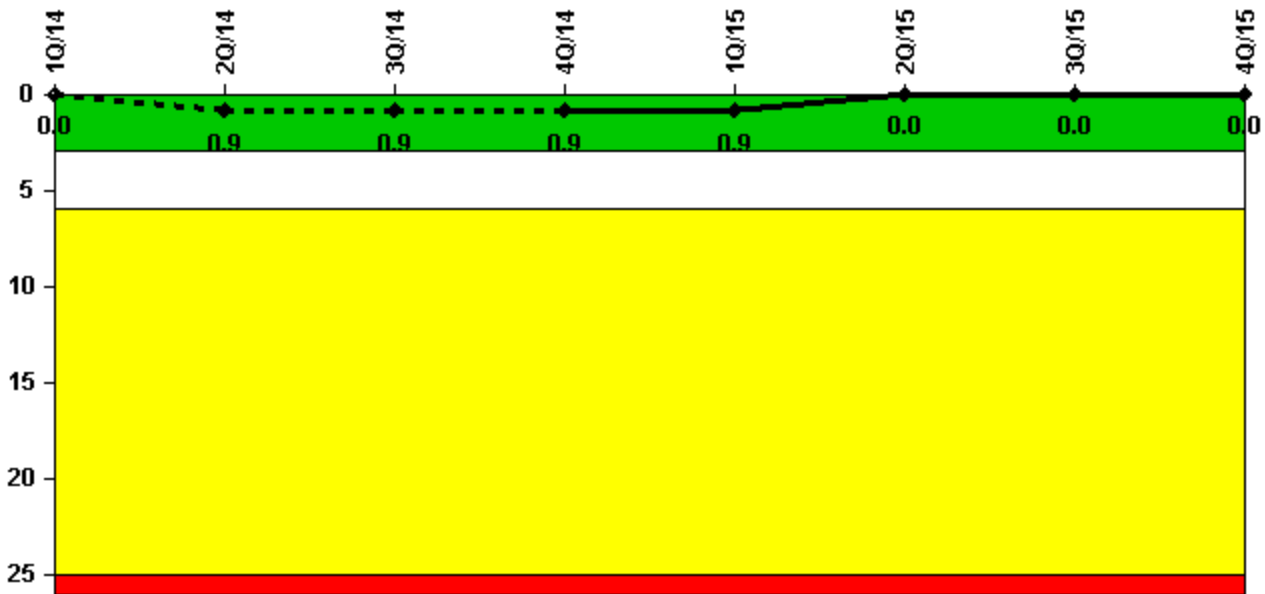
Seabrook 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



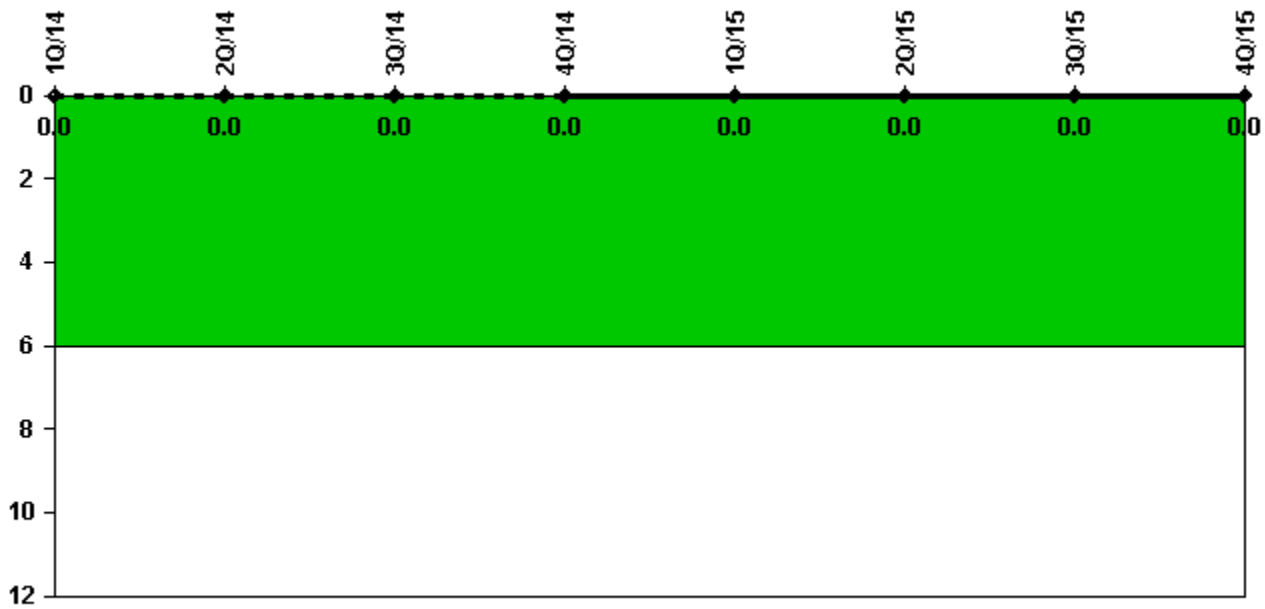
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



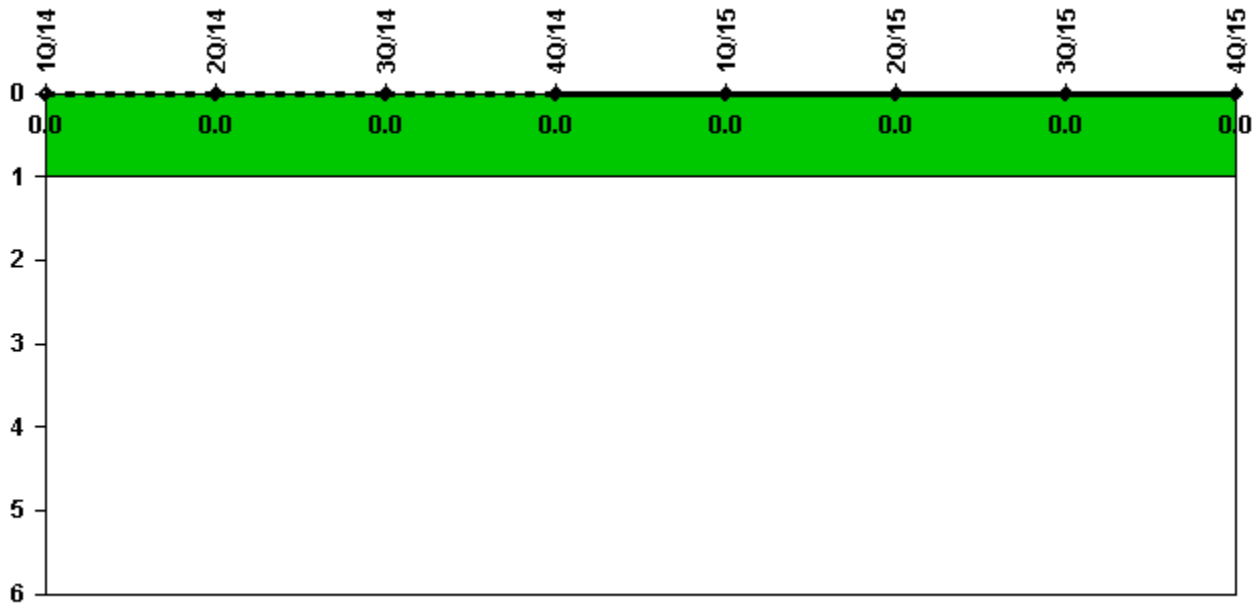
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



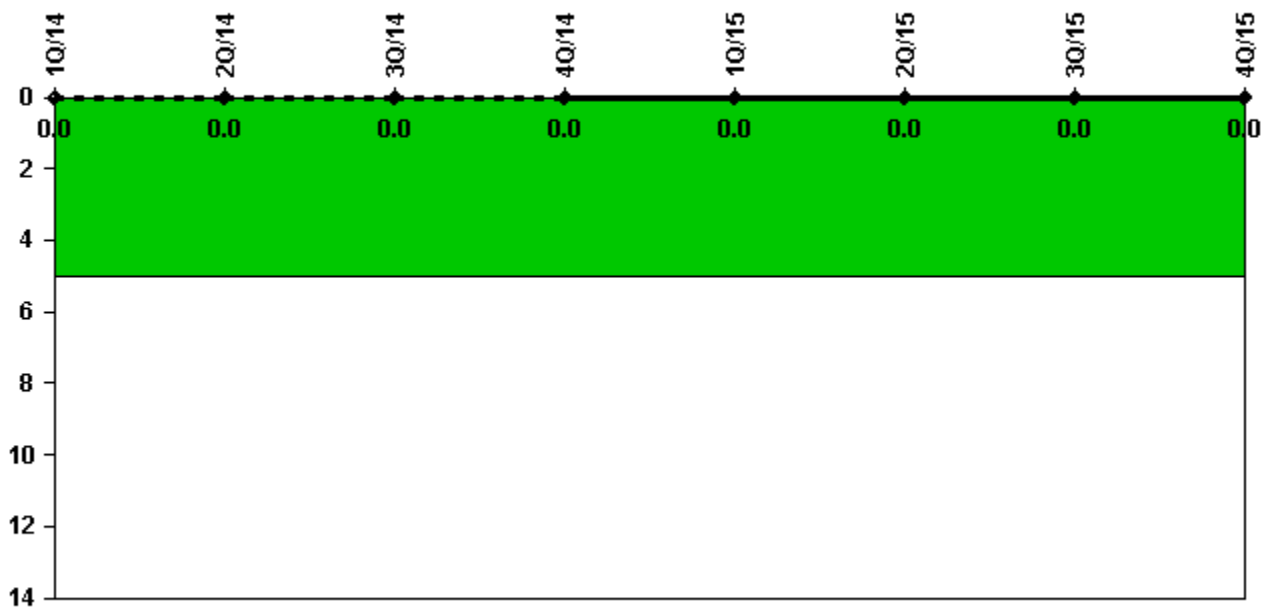
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



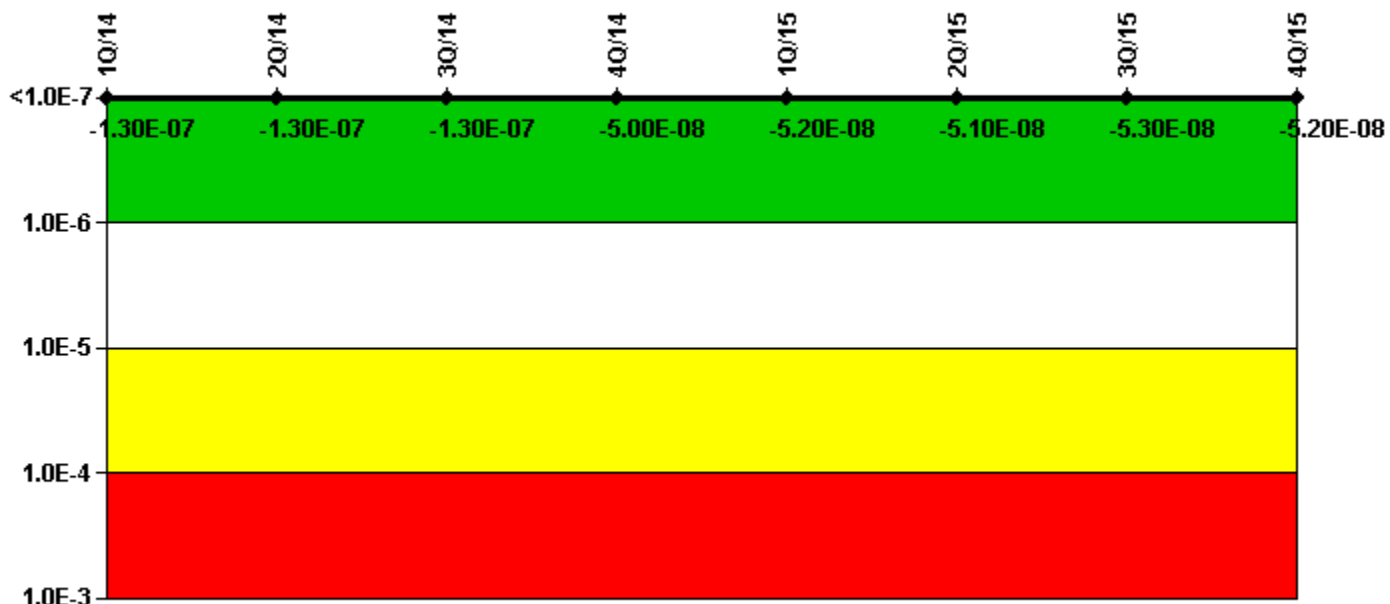
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



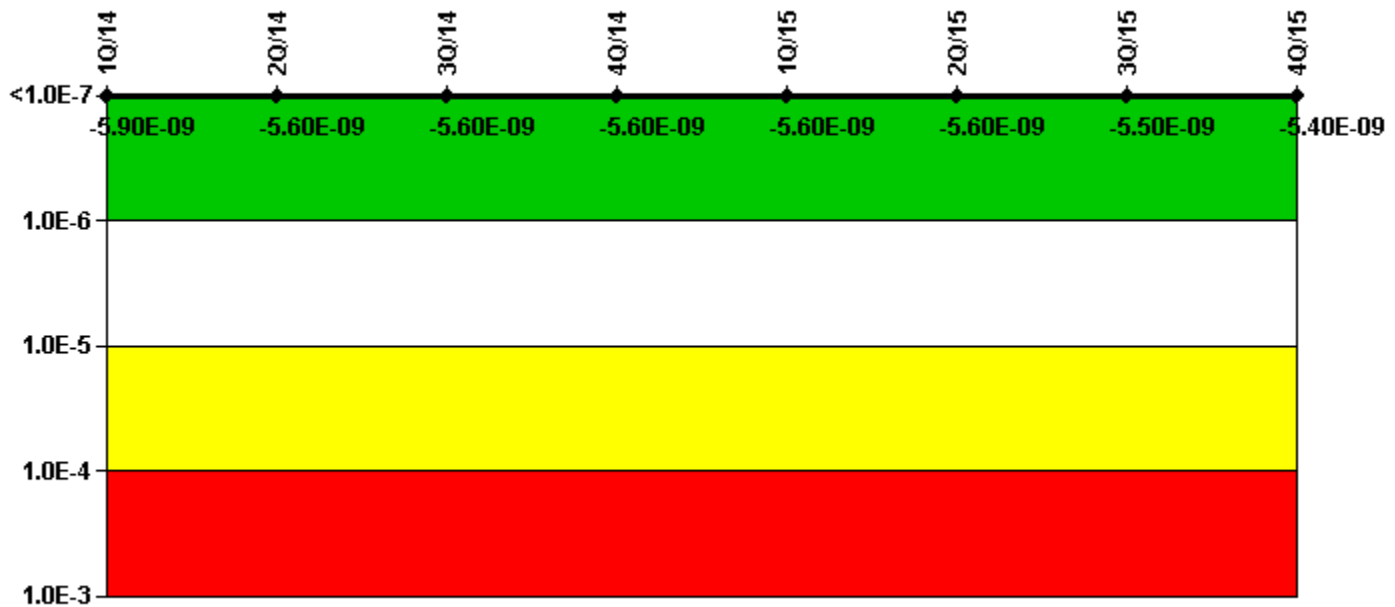
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.06E-08	-3.06E-08	-3.06E-08
URI (Δ CDF)	-9.74E-08	-9.94E-08	-9.74E-08	-1.67E-08	-1.87E-08	-2.01E-08	-2.24E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-5.00E-08	-5.20E-08	-5.10E-08	-5.30E-08	-5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



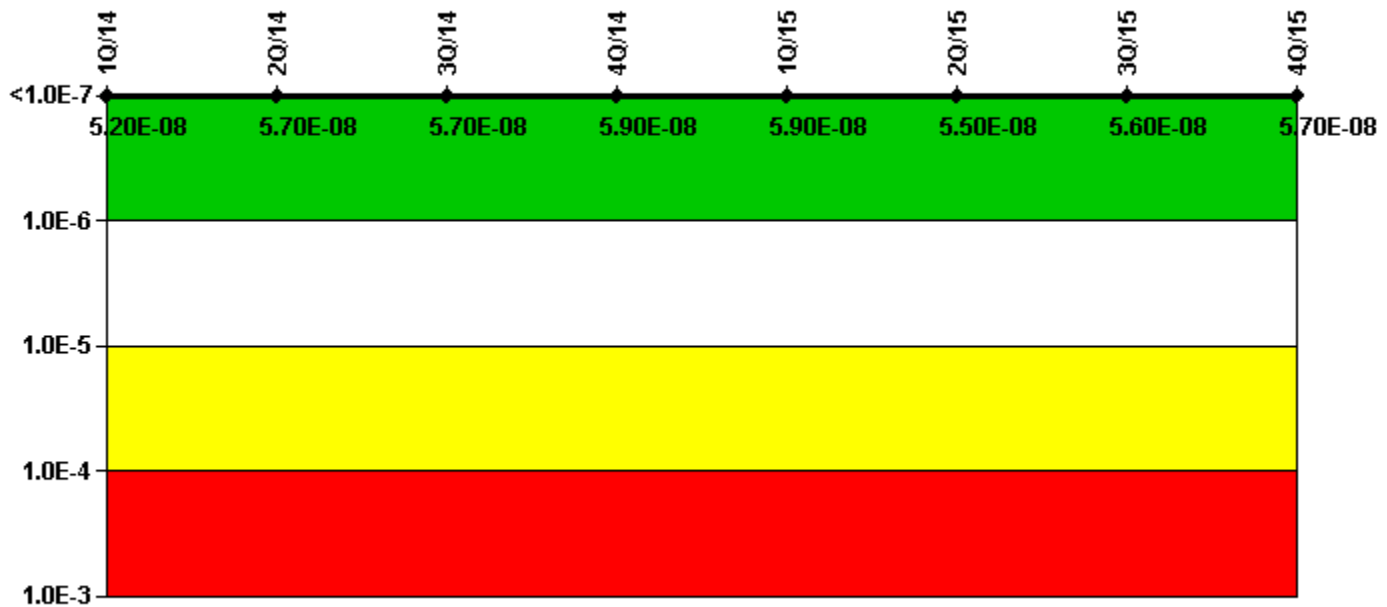
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.11E-09	-3.11E-09	-3.11E-09
URI (Δ CDF)	-2.78E-09	-2.50E-09	-2.50E-09	-2.44E-09	-2.45E-09	-2.50E-09	-2.35E-09	-2.31E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

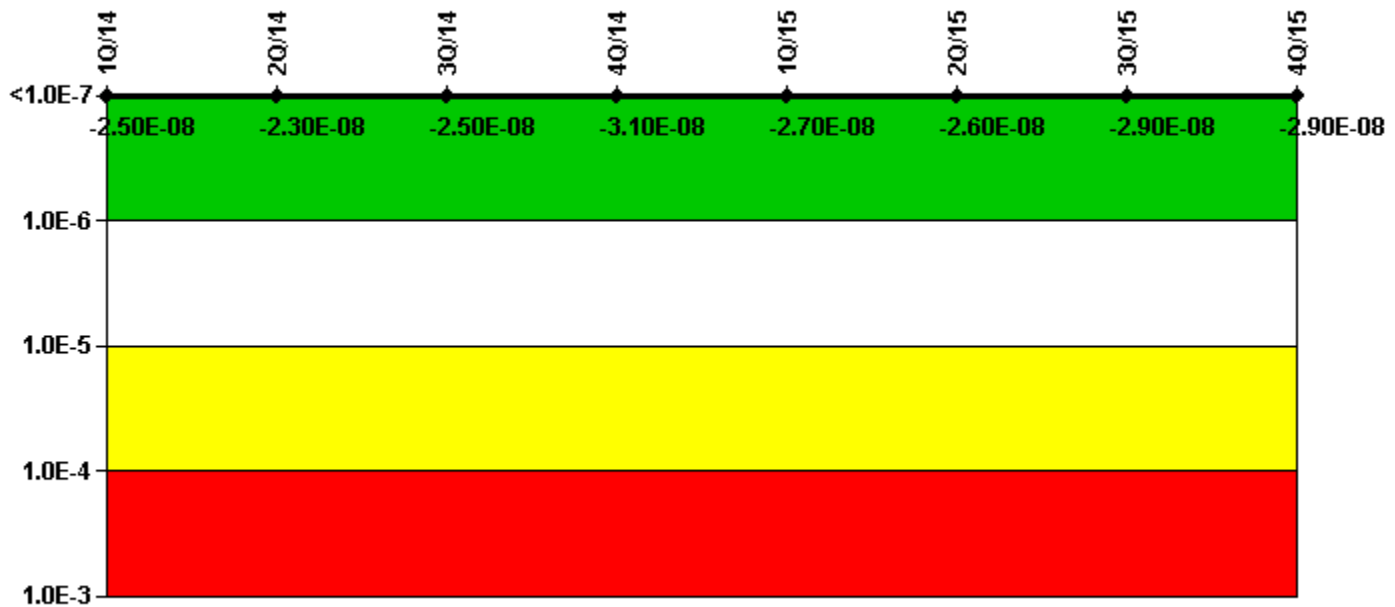
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.26E-08	7.74E-08	7.74E-08	7.91E-08	7.92E-08	7.32E-08	7.46E-08	7.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.20E-08	5.70E-08	5.70E-08	5.90E-08	5.90E-08	5.50E-08	5.60E-08	5.70E-08

Licensee Comments:

1Q/14: An evaluation of an oil leak on 1-FW-P-37-A determined that an MSPI failure occurred in March 2014.

Mitigating Systems Performance Index, Residual Heat Removal System



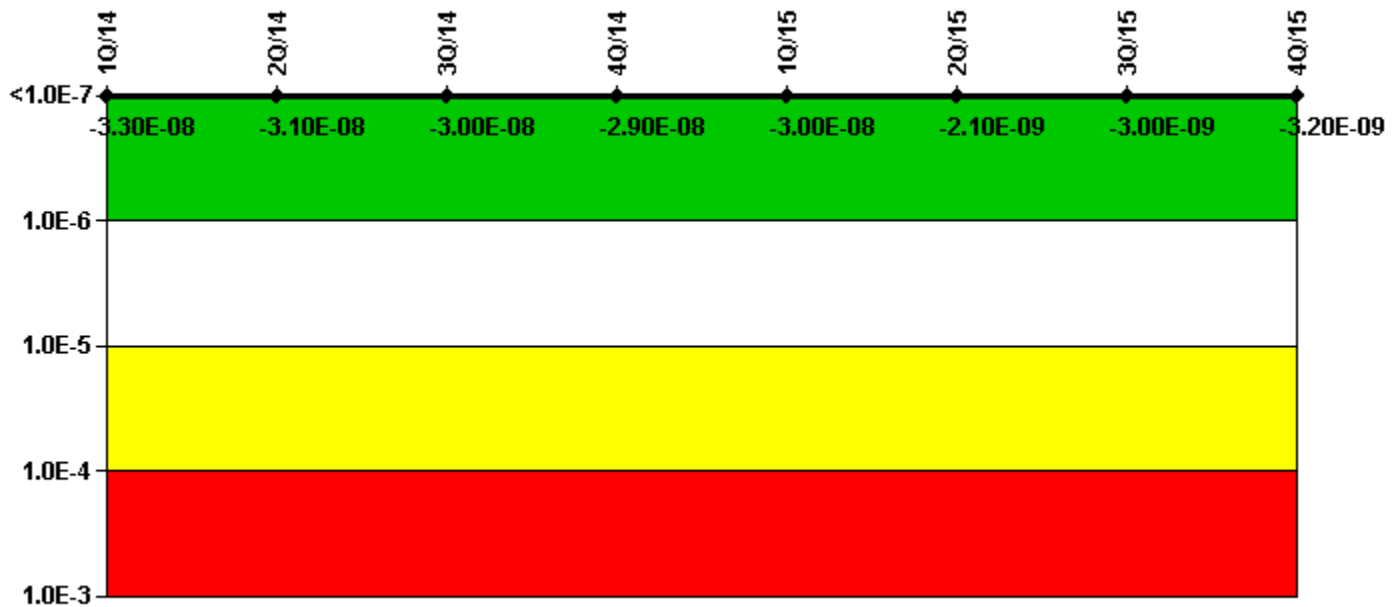
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	3.53E-09	2.01E-09	-8.85E-10	-8.46E-09	-5.10E-09	-3.59E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.82E-08	-2.48E-08	-2.45E-08	-2.22E-08	-2.22E-08	-2.21E-08	-2.04E-08	-2.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-08	-2.30E-08	-2.50E-08	-3.10E-08	-2.70E-08	-2.60E-08	-2.90E-08	-2.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



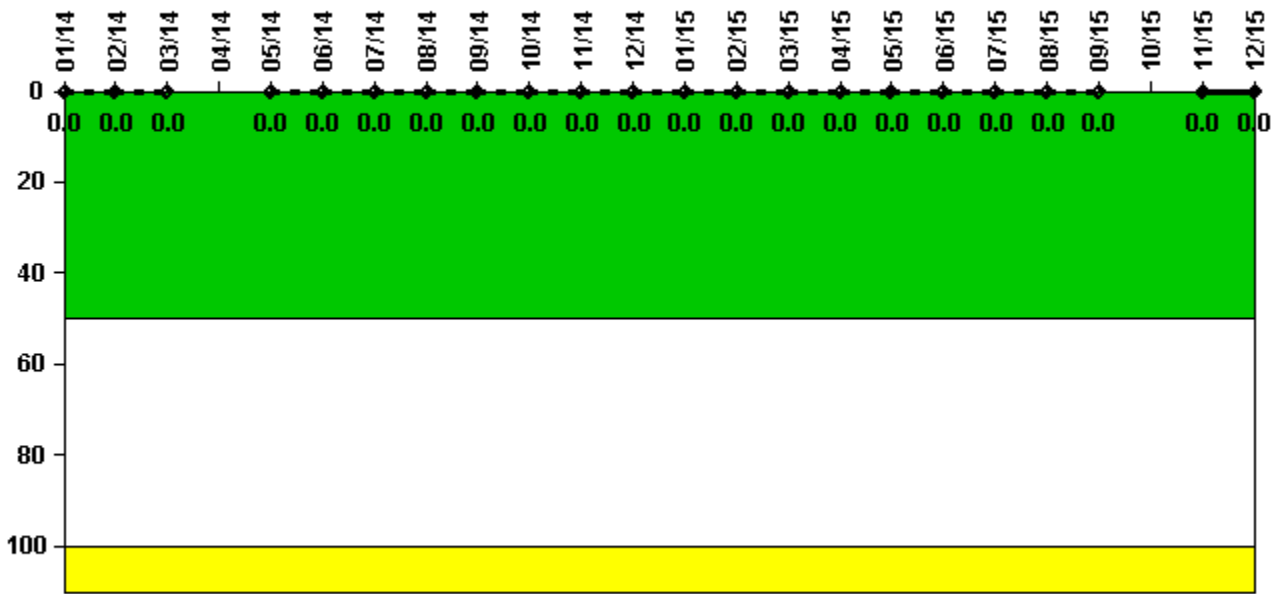
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.31E-08	-3.06E-08	-3.03E-08	-2.94E-08	-3.00E-08	-2.09E-09	-2.98E-09	-3.18E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-08	-3.10E-08	-3.00E-08	-2.90E-08	-3.00E-08	-2.10E-09	-3.00E-09	-3.20E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000065	0.000068	0.000094	N/A	0.000028	0.000033	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

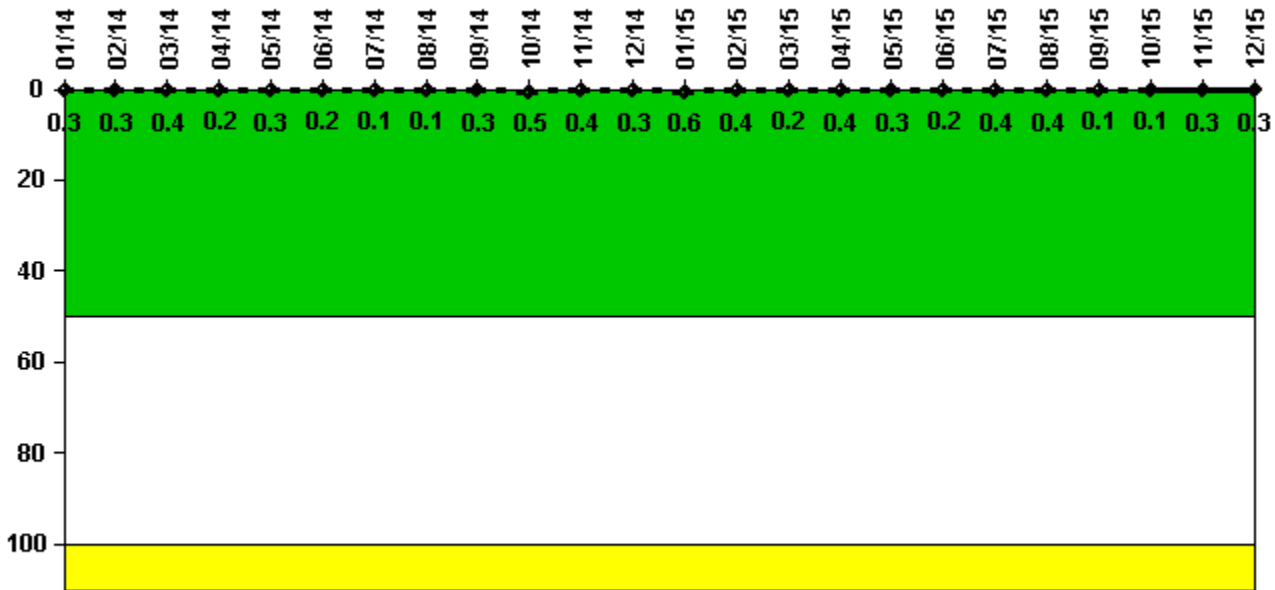
Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055	N/A	0.000038	0.000039
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



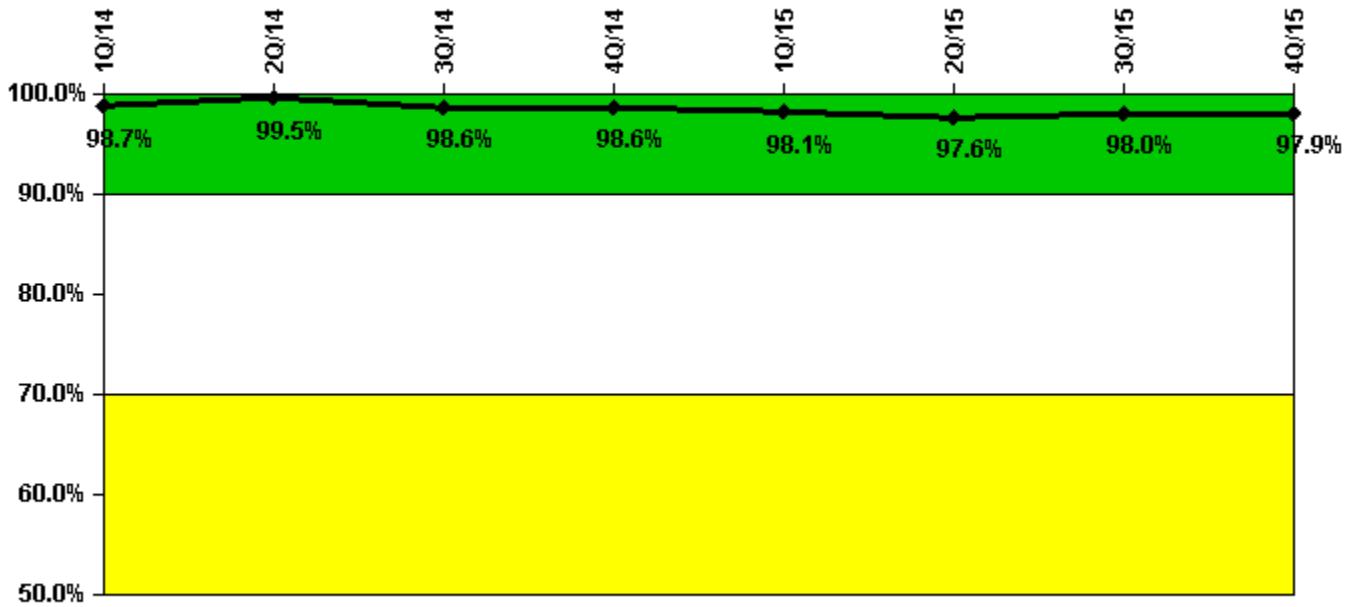
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.026	0.026	0.040	0.020	0.026	0.018	0.013	0.013	0.031	0.052	0.037	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.4	0.3
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.058	0.038	0.016	0.036	0.026	0.024	0.035	0.037	0.012	0.011	0.029	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.4	0.2	0.4	0.3	0.2	0.4	0.4	0.1	0.1	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



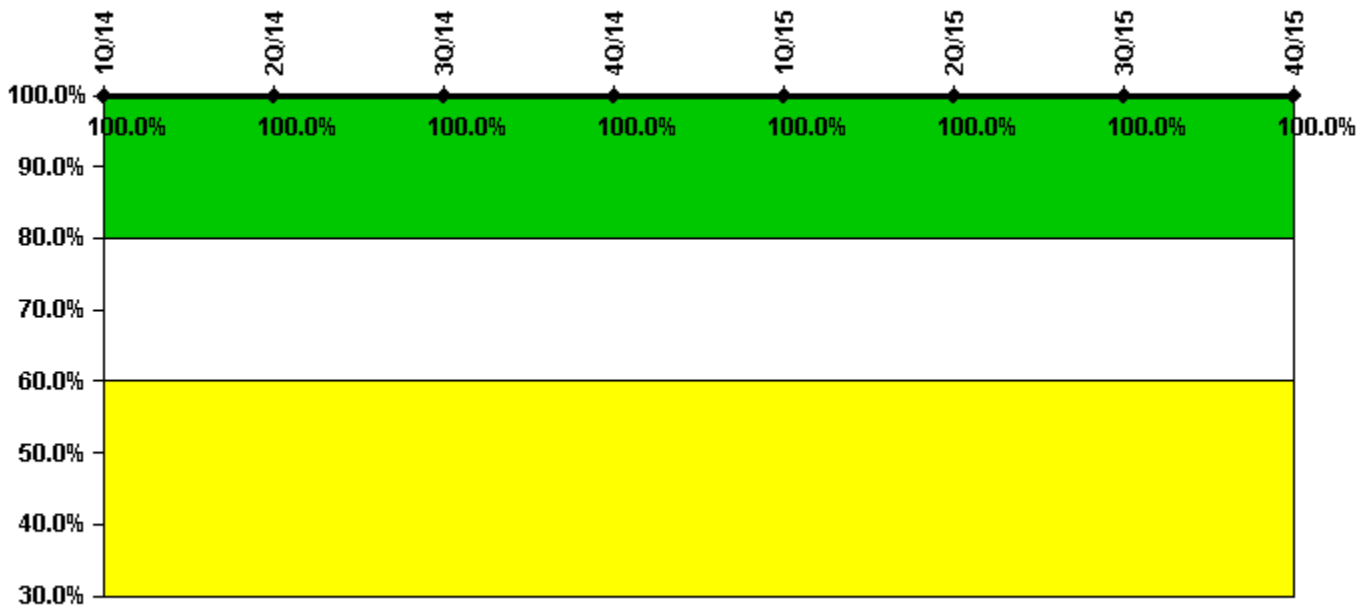
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	17.0	20.0	16.0	44.0	22.0	27.0	4.0	36.0
Total opportunities	17.0	20.0	18.0	44.0	23.0	28.0	4.0	36.0
Indicator value	98.7%	99.5%	98.6%	98.6%	98.1%	97.6%	98.0%	97.9%

Licensee Comments: none

ERO Drill Participation



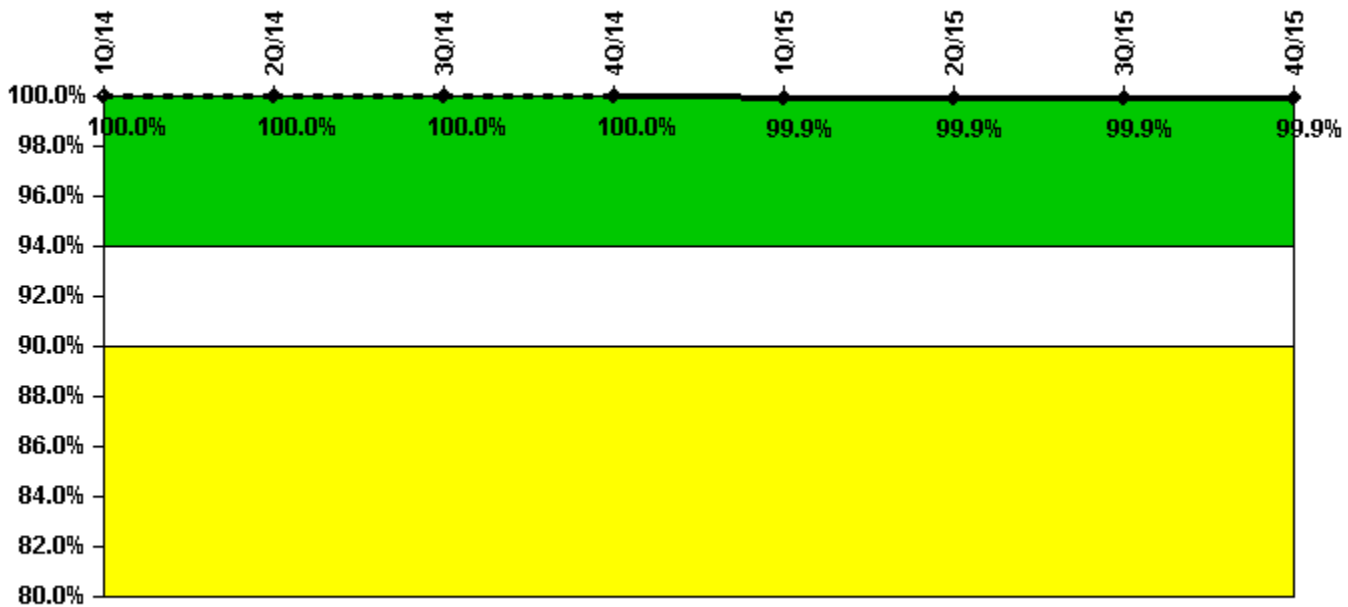
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	92.0	91.0	95.0	93.0	93.0	94.0	94.0	87.0
Total Key personnel	92.0	91.0	95.0	93.0	93.0	94.0	94.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



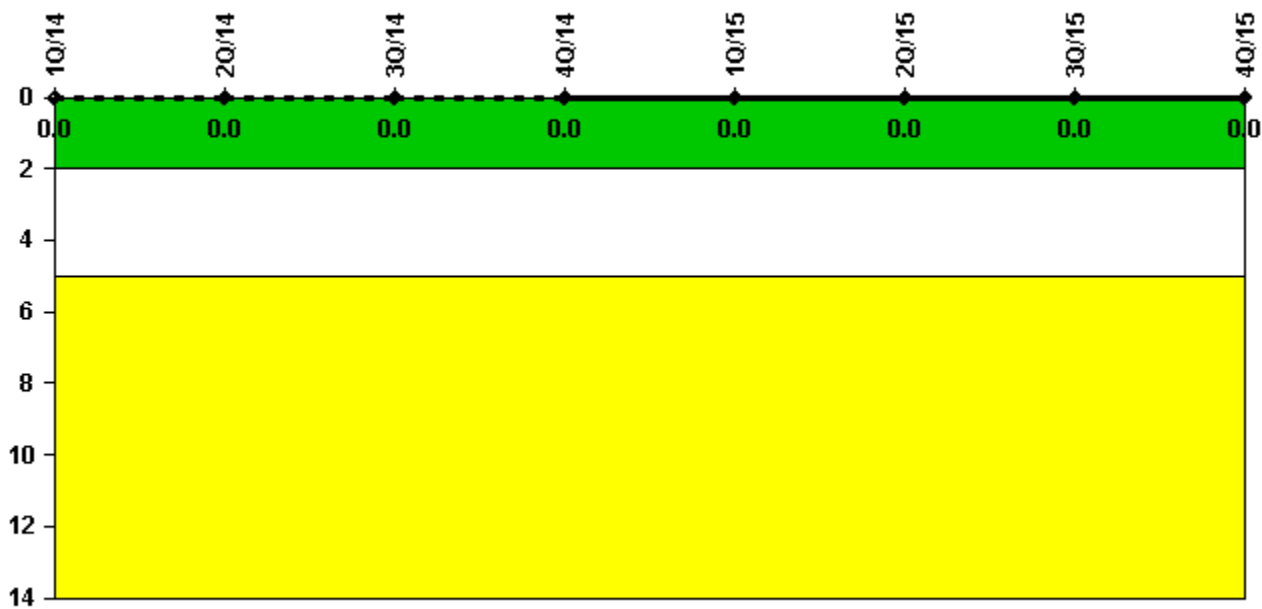
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	726	847	725	847	725	847	724	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



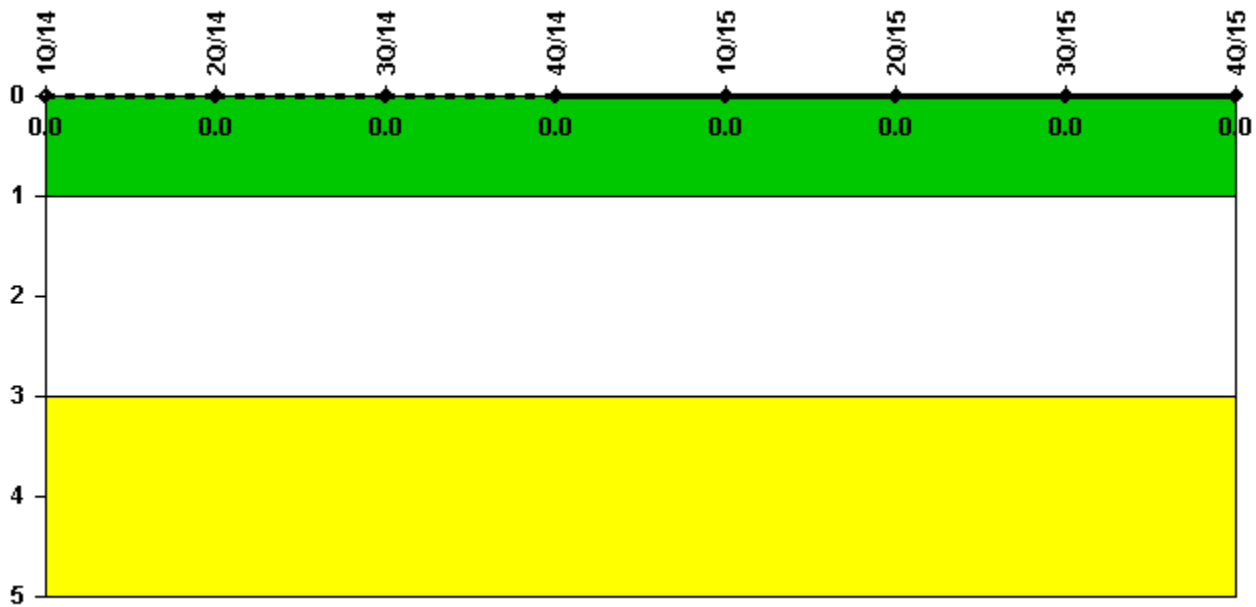
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 1, 2016

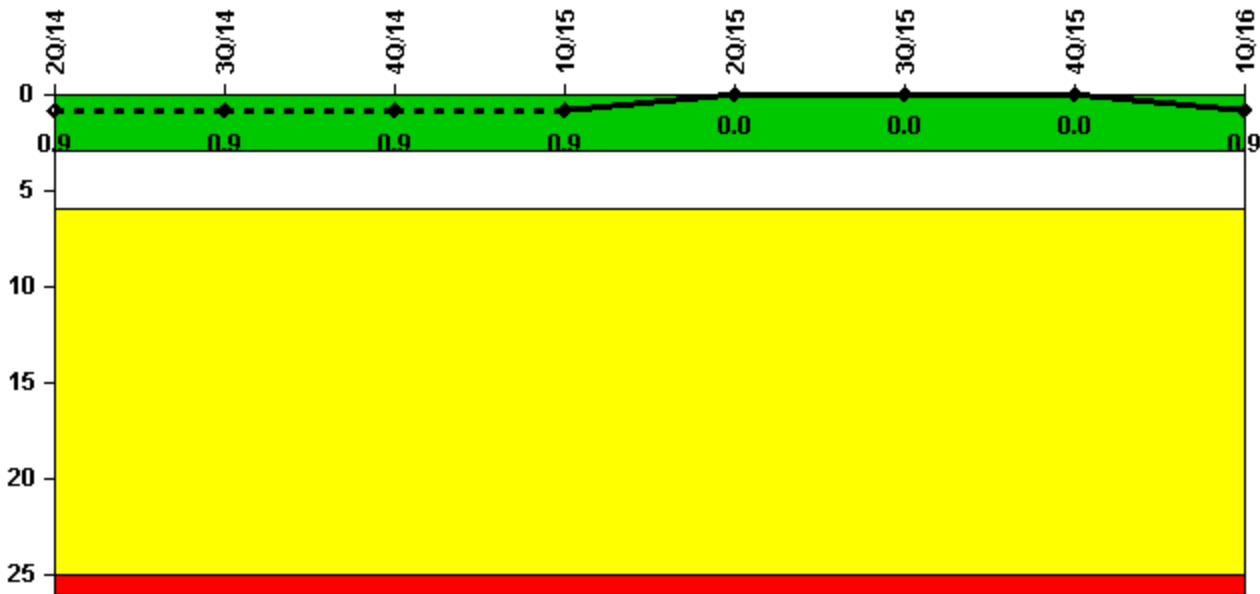
Seabrook 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



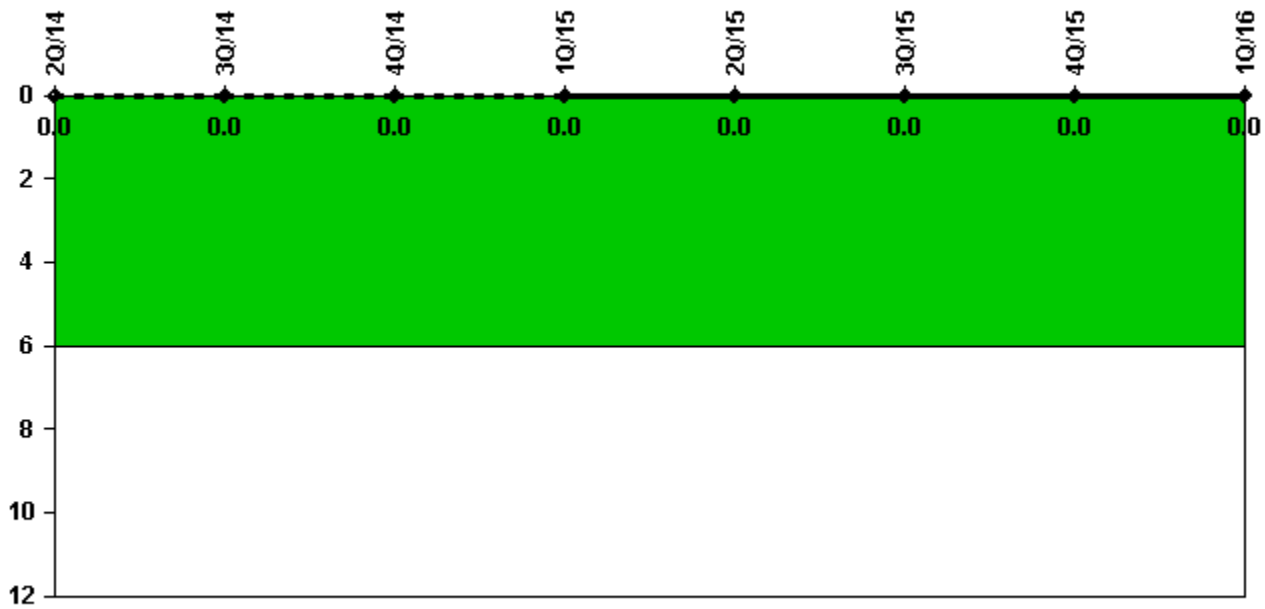
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



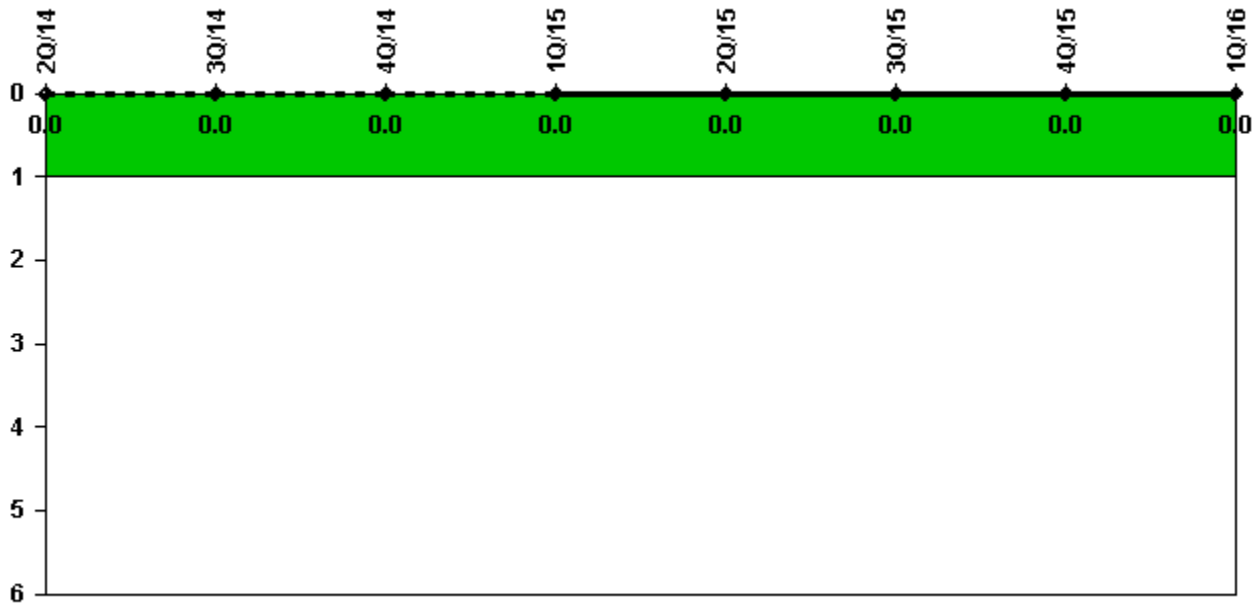
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1641.0	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



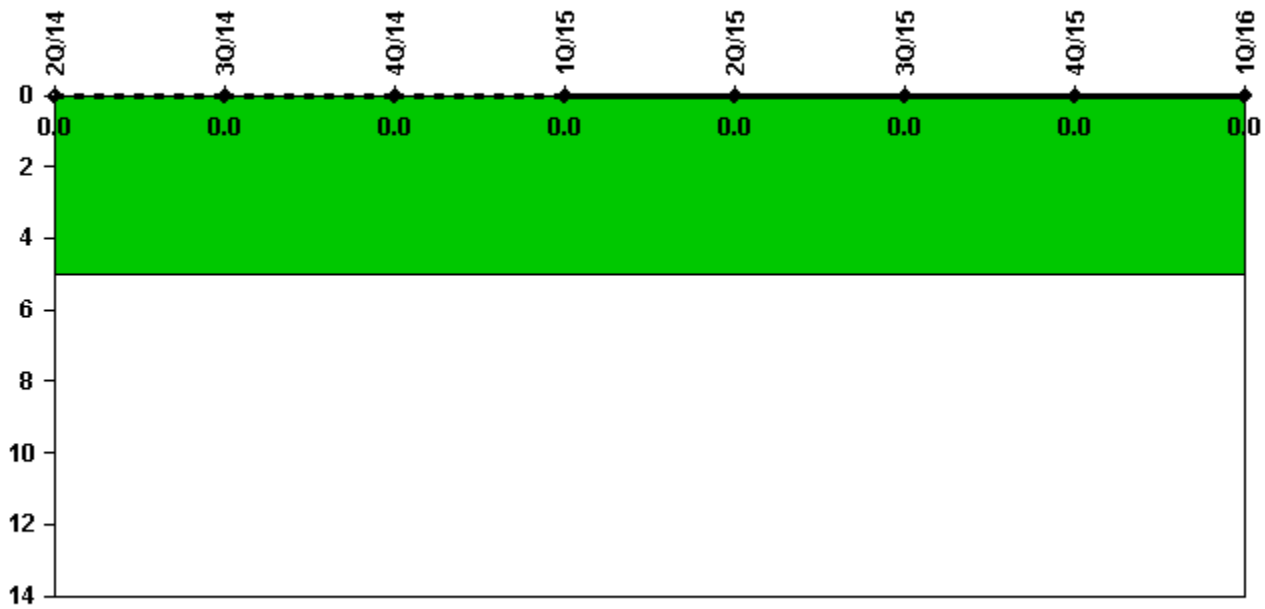
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



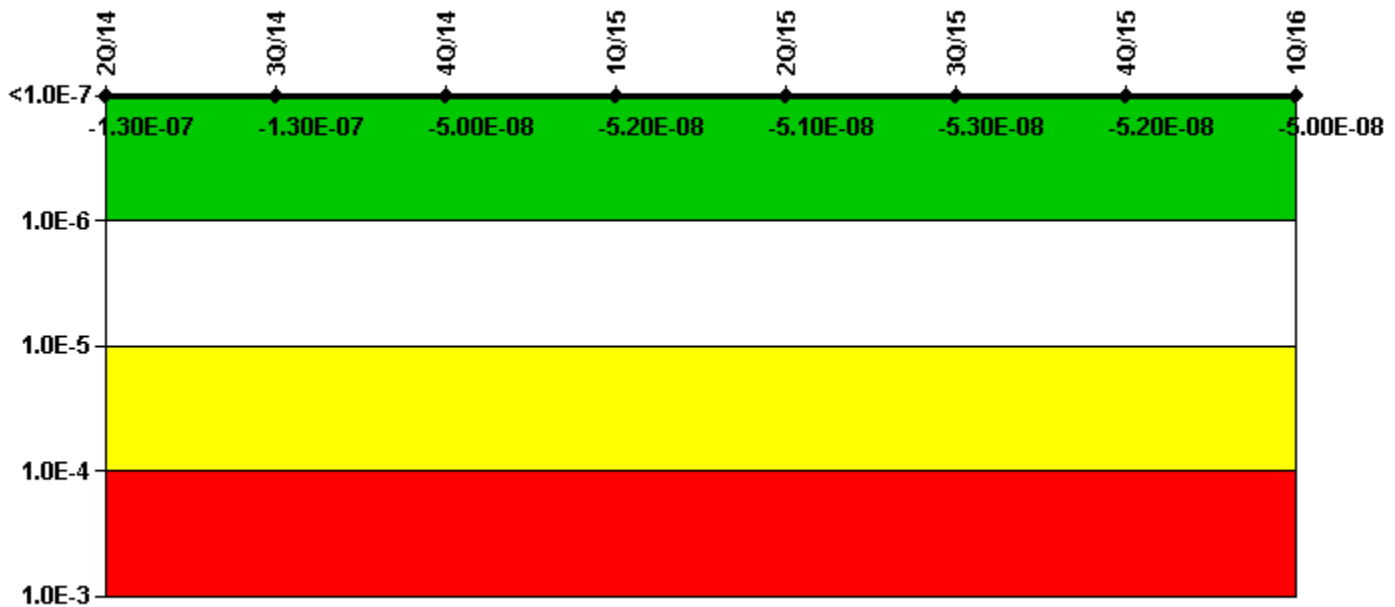
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



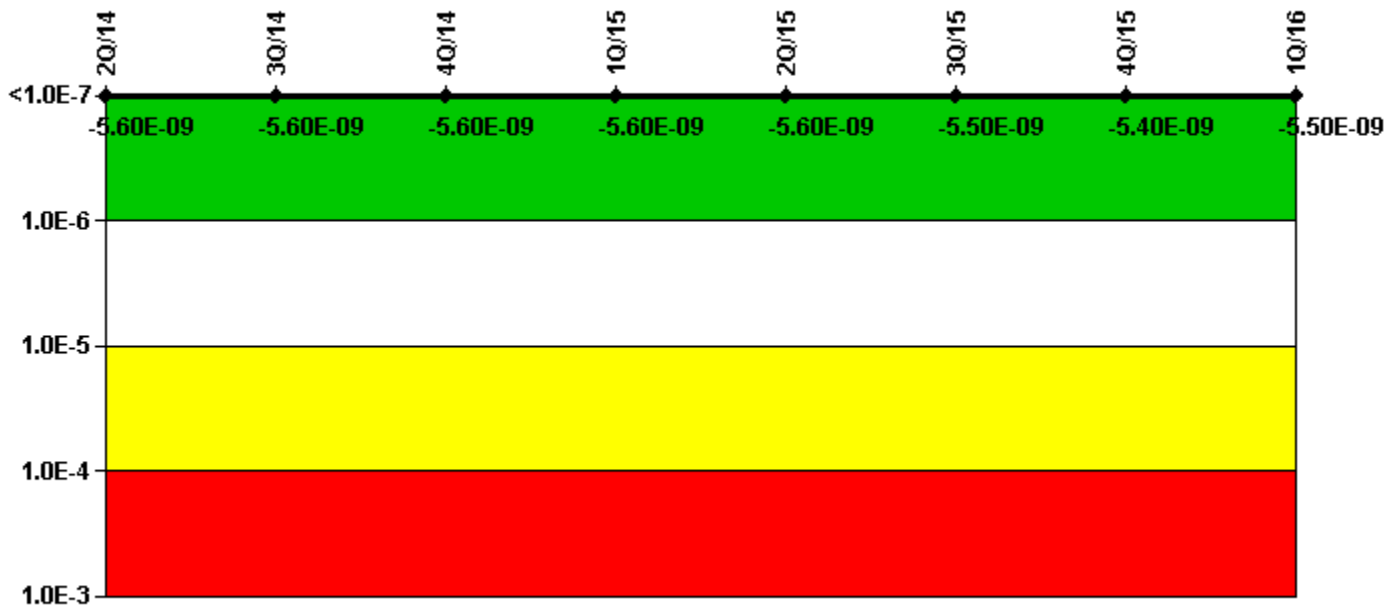
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.32E-08	-3.06E-08	-3.06E-08	-3.06E-08	-3.06E-08
URI (Δ CDF)	-9.94E-08	-9.74E-08	-1.67E-08	-1.87E-08	-2.01E-08	-2.24E-08	-2.13E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-5.00E-08	-5.20E-08	-5.10E-08	-5.30E-08	-5.20E-08	-5.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



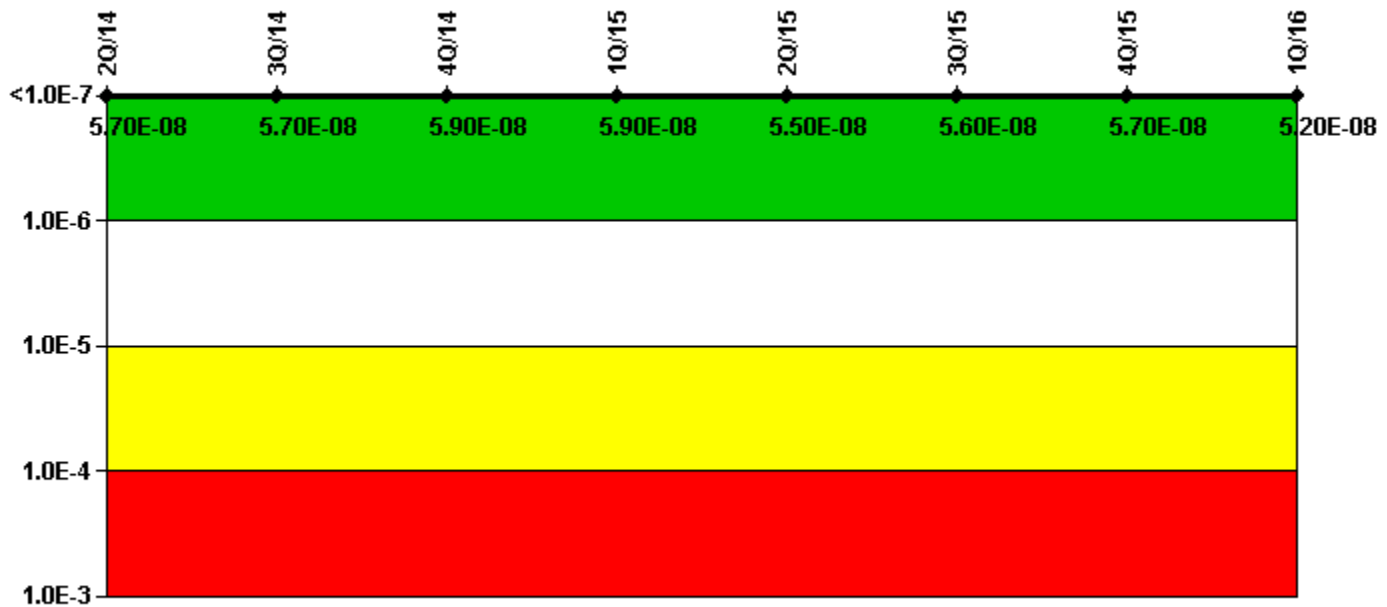
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.13E-09	-3.11E-09	-3.11E-09	-3.11E-09	-3.11E-09
URI (Δ CDF)	-2.50E-09	-2.50E-09	-2.44E-09	-2.45E-09	-2.50E-09	-2.35E-09	-2.31E-09	-2.35E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.40E-09	-5.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



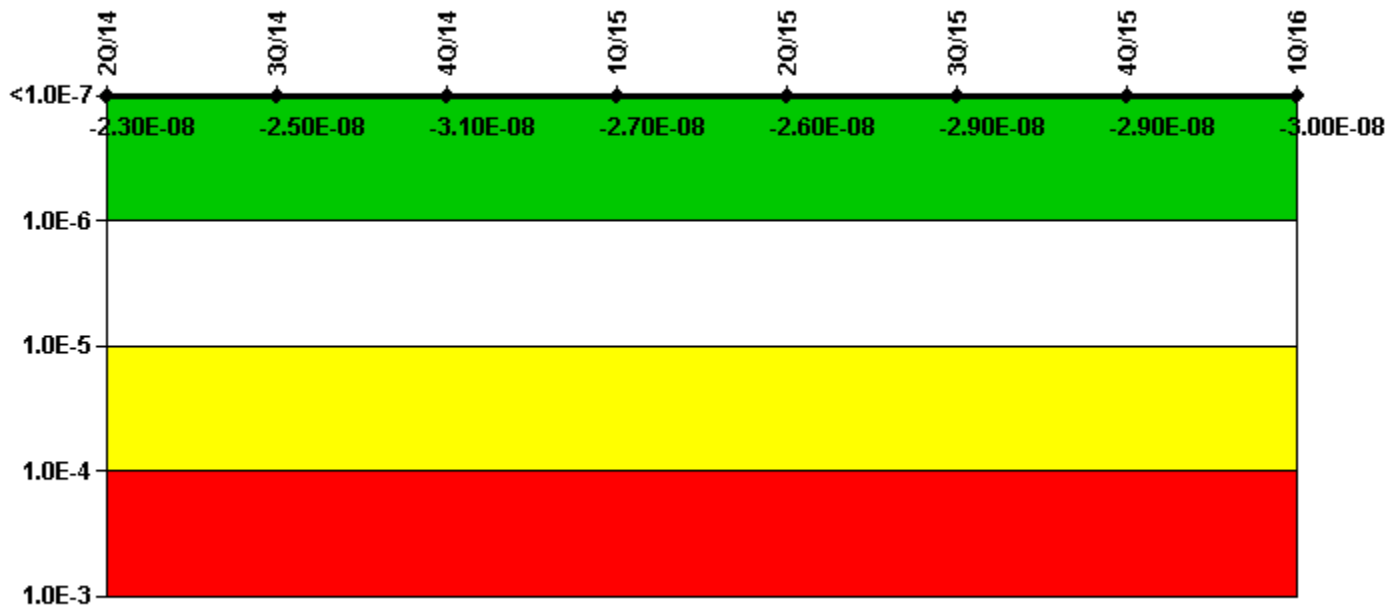
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.74E-08	7.74E-08	7.91E-08	7.92E-08	7.32E-08	7.46E-08	7.57E-08	7.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-08	5.70E-08	5.90E-08	5.90E-08	5.50E-08	5.60E-08	5.70E-08	5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



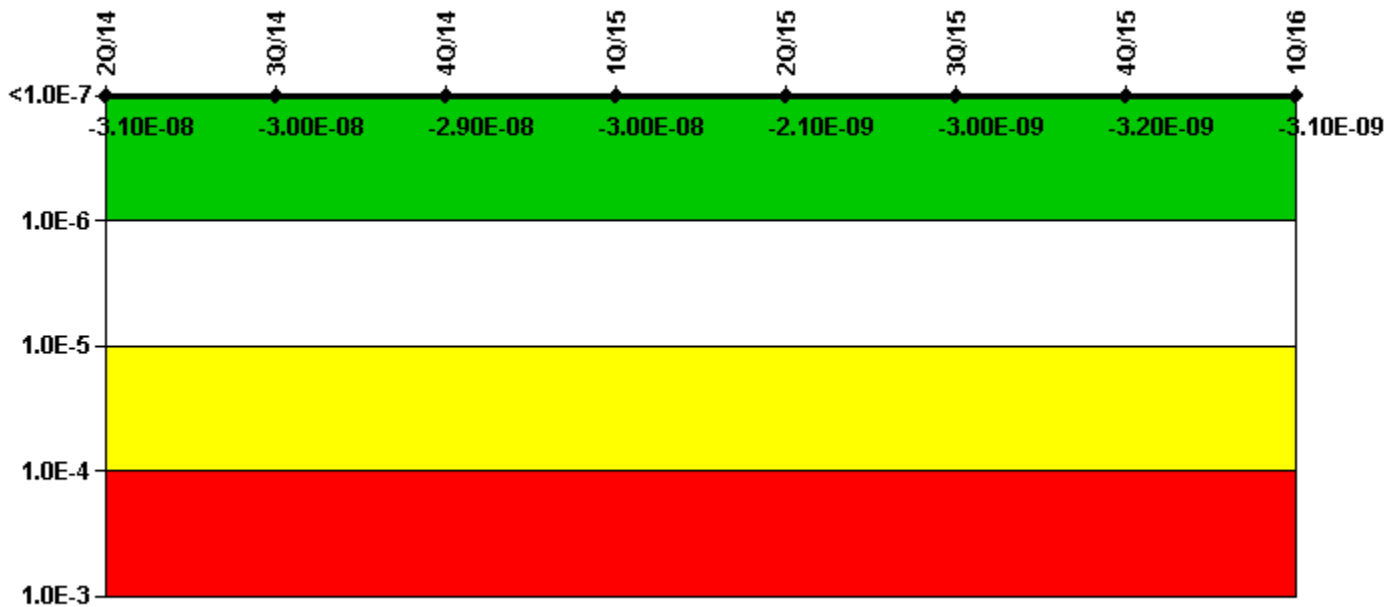
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	2.01E-09	-8.85E-10	-8.46E-09	-5.10E-09	-3.59E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.48E-08	-2.45E-08	-2.22E-08	-2.22E-08	-2.21E-08	-2.04E-08	-2.10E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-08	-2.50E-08	-3.10E-08	-2.70E-08	-2.60E-08	-2.90E-08	-2.90E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



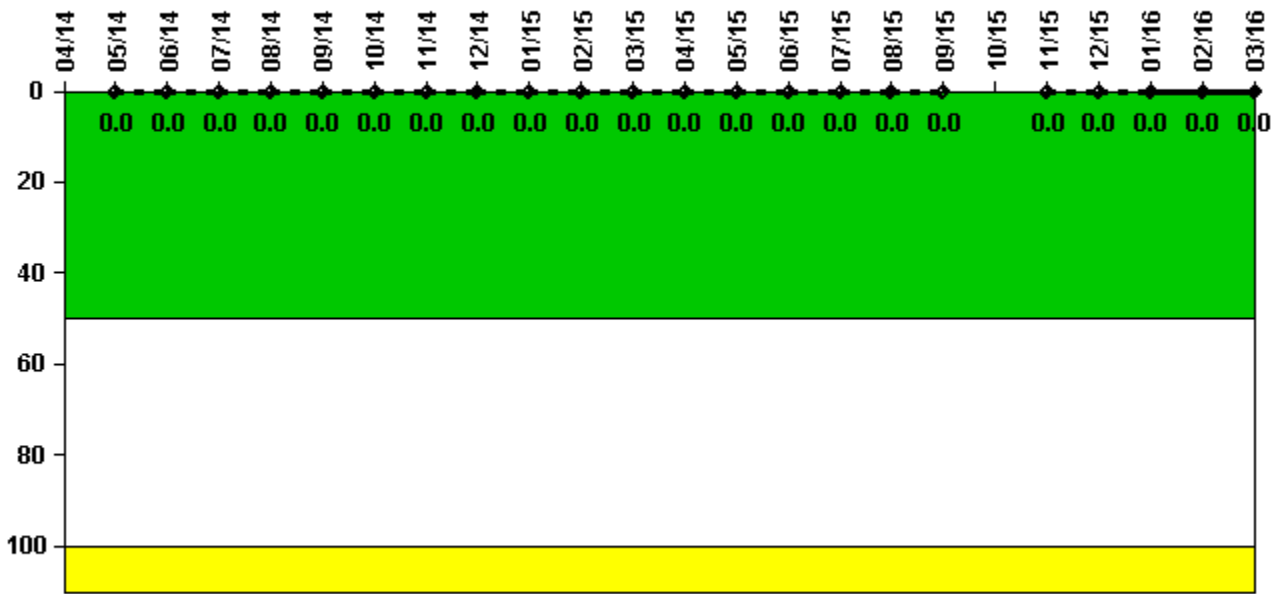
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.06E-08	-3.03E-08	-2.94E-08	-3.00E-08	-2.09E-09	-2.98E-09	-3.18E-09	-3.06E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-3.00E-08	-2.90E-08	-3.00E-08	-2.10E-09	-3.00E-09	-3.20E-09	-3.10E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	N/A	0.000028	0.000033	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

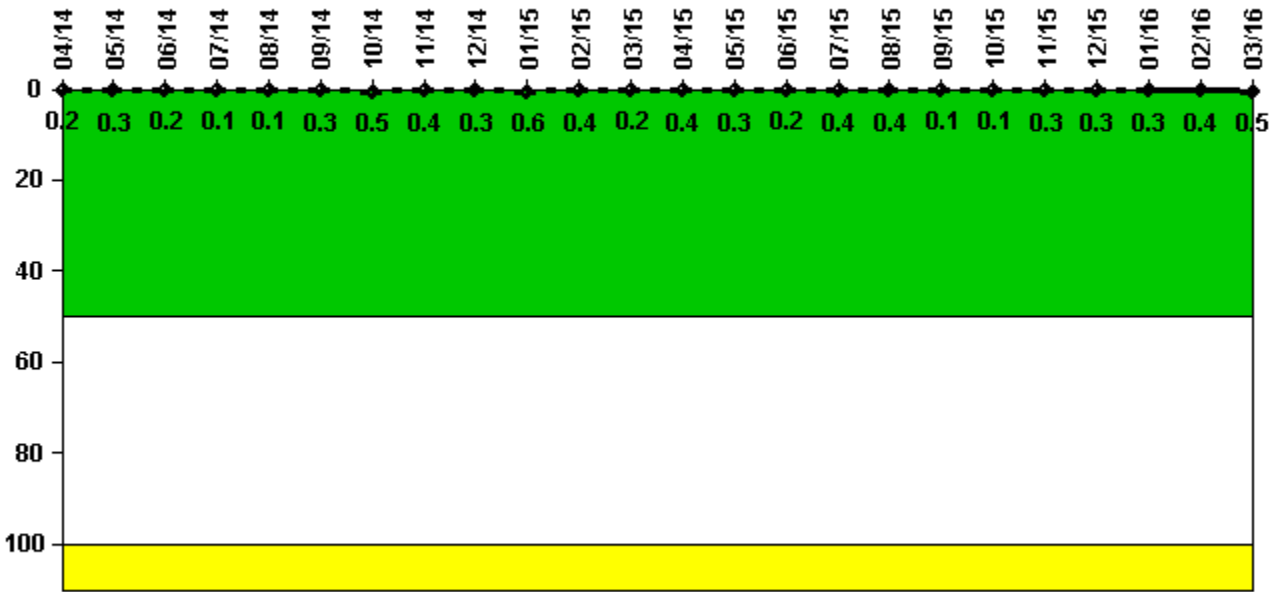
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055	N/A	0.000038	0.000039	0.000035	0.000069	0.000078
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

6/14: During April 2014, RCS activity was not required to be calculated during the planned refueling outage and start-up activities as the plant was not at steady state power.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

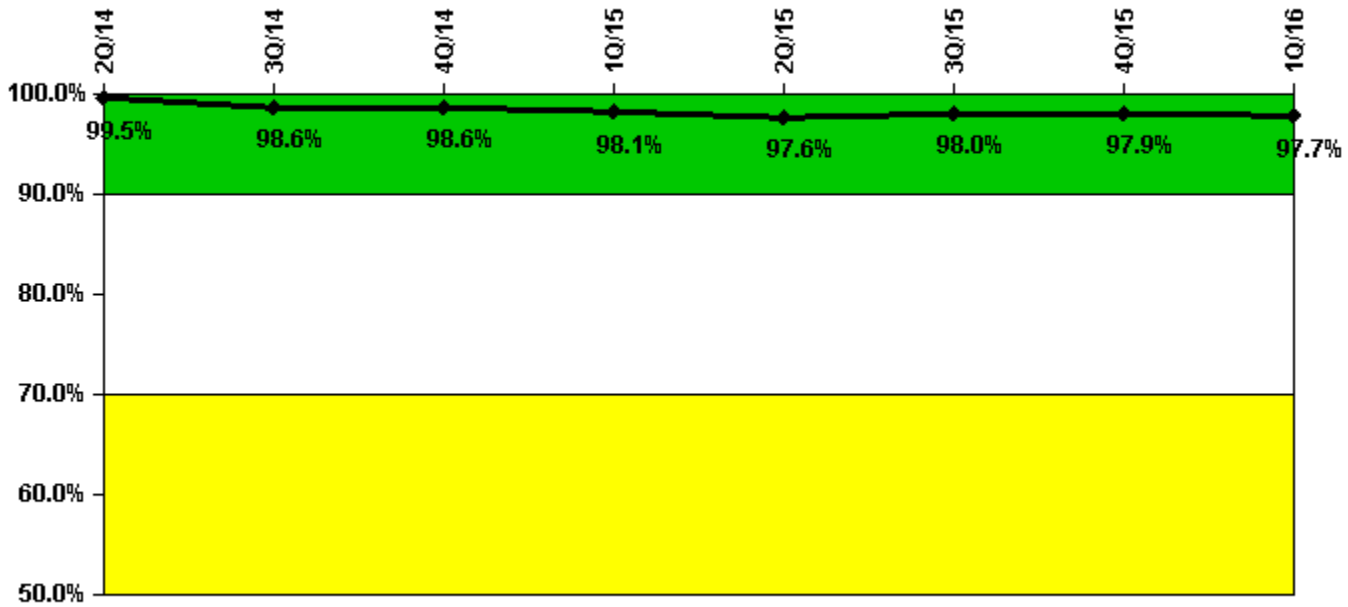
Notes

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.020	0.026	0.018	0.013	0.013	0.031	0.052	0.037	0.033	0.058	0.038	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.4	0.3	0.6	0.4	0.2

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.036	0.026	0.024	0.035	0.037	0.012	0.011	0.029	0.027	0.031	0.040	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.2	0.4	0.4	0.1	0.1	0.3	0.3	0.3	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance



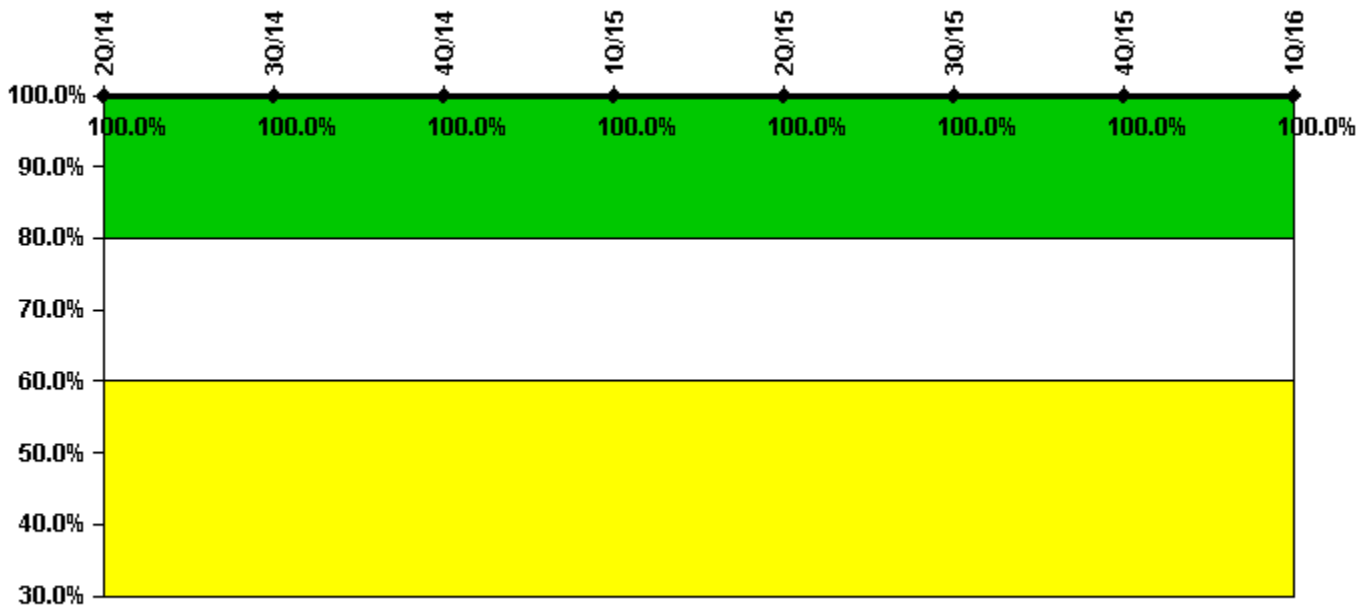
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	20.0	16.0	44.0	22.0	27.0	4.0	36.0	42.0
Total opportunities	20.0	18.0	44.0	23.0	28.0	4.0	36.0	43.0
Indicator value	99.5%	98.6%	98.6%	98.1%	97.6%	98.0%	97.9%	97.7%

Licensee Comments: none

ERO Drill Participation



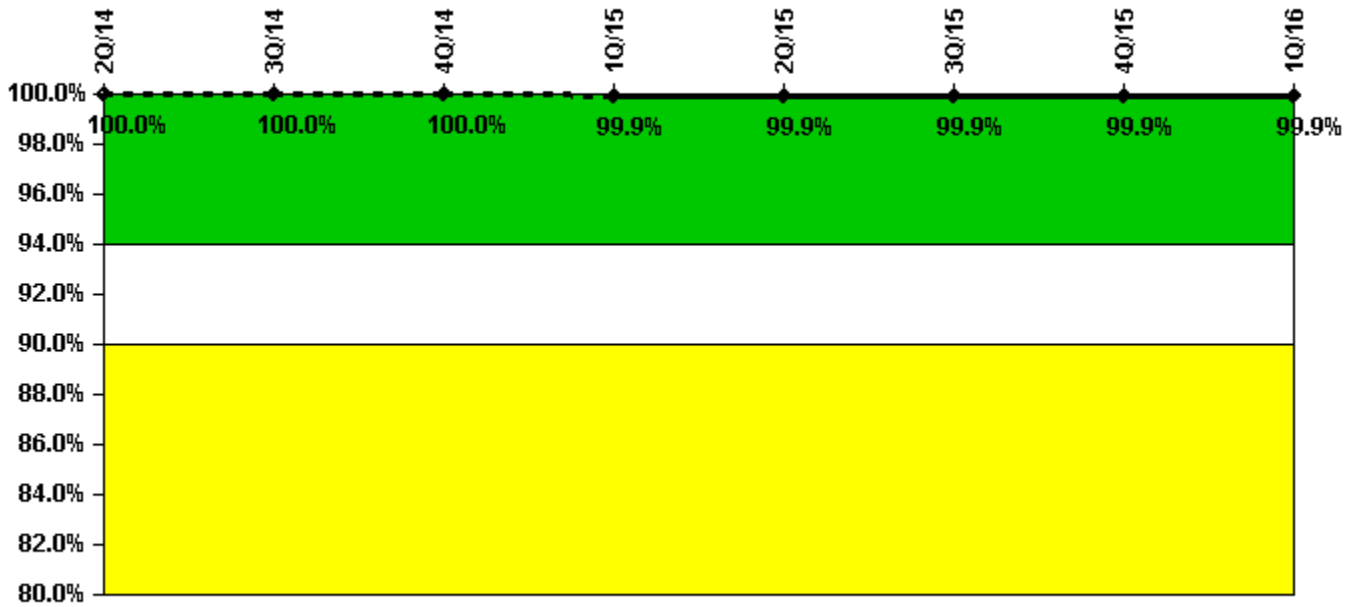
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	91.0	95.0	93.0	93.0	94.0	94.0	87.0	93.0
Total Key personnel	91.0	95.0	93.0	93.0	94.0	94.0	87.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



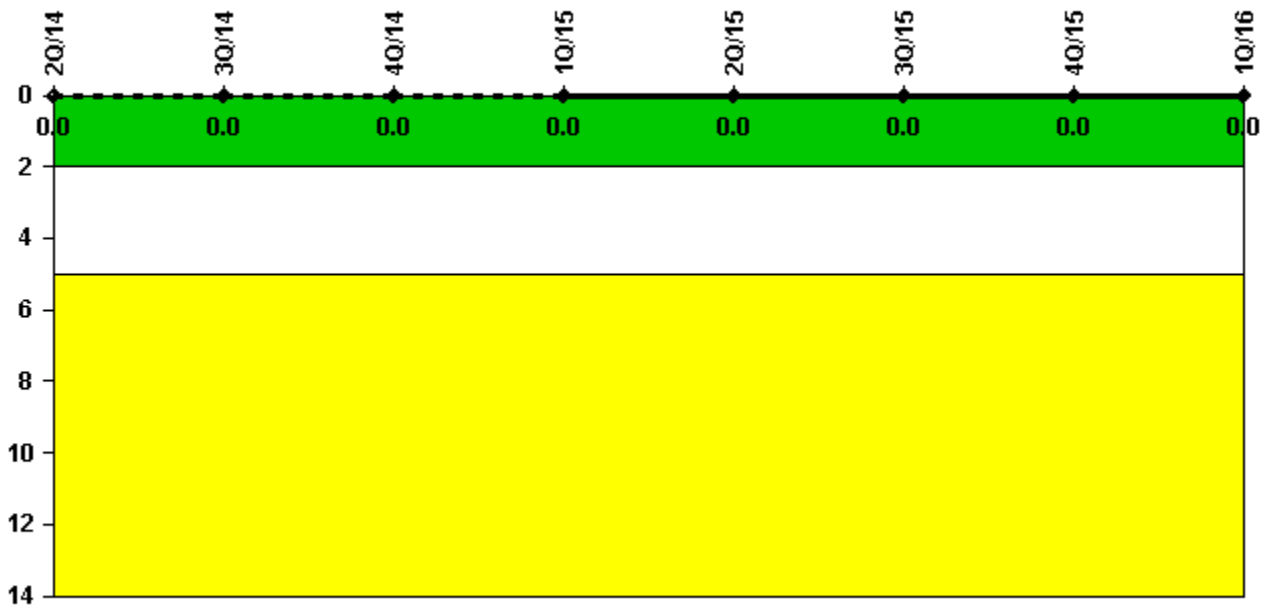
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	847	725	847	725	847	724	847	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



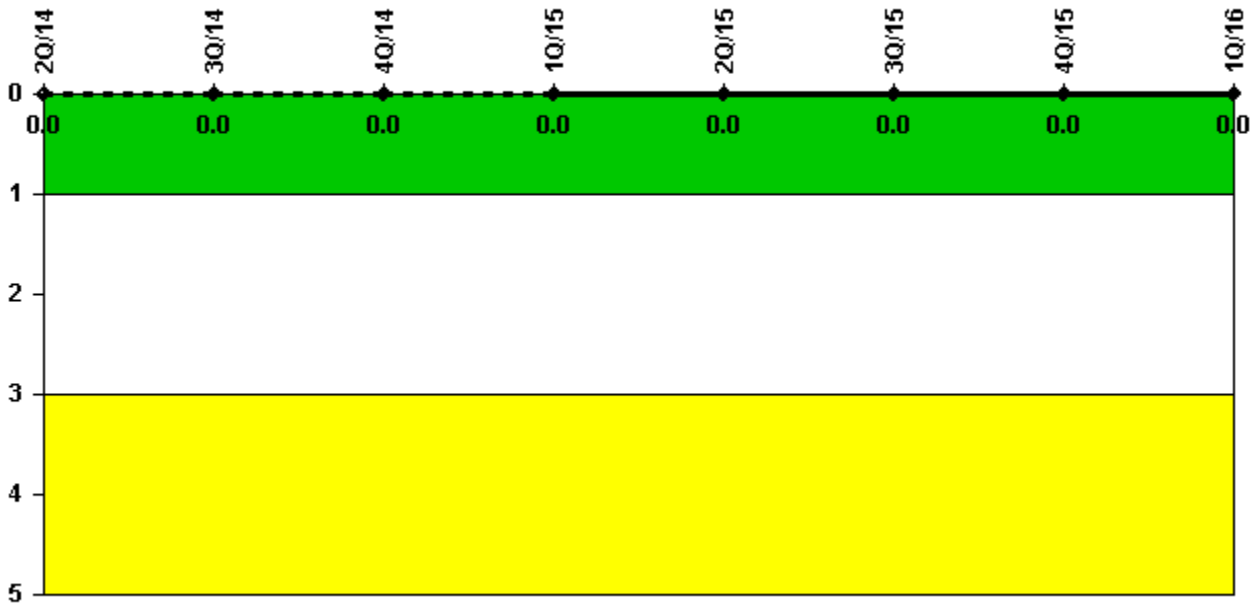
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2016

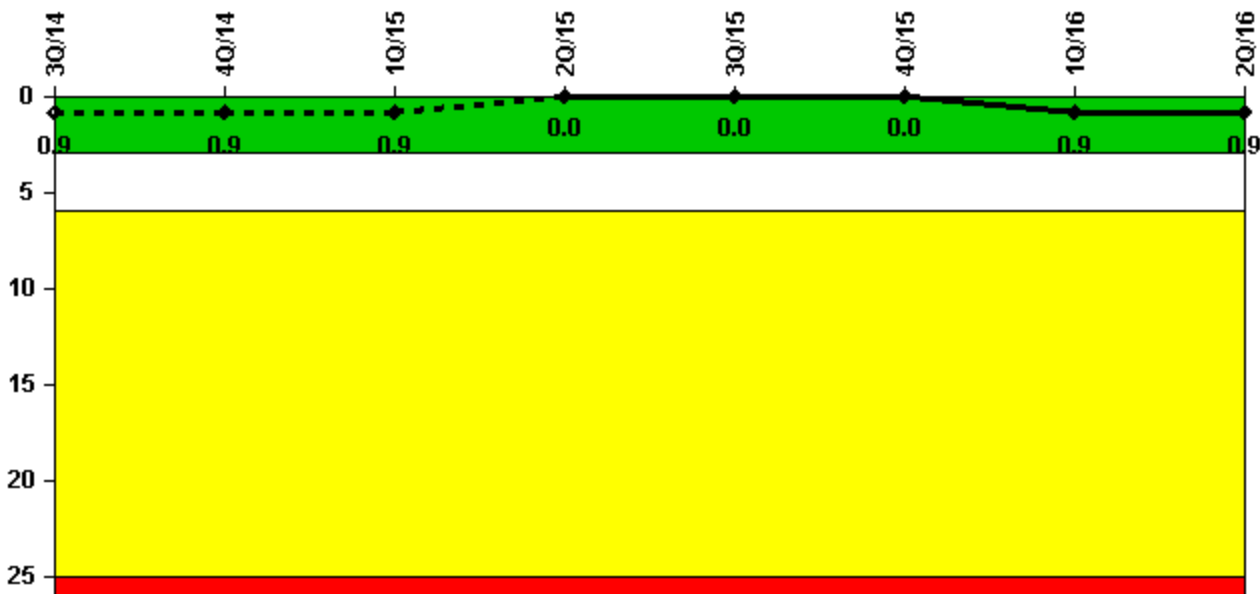
Seabrook 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



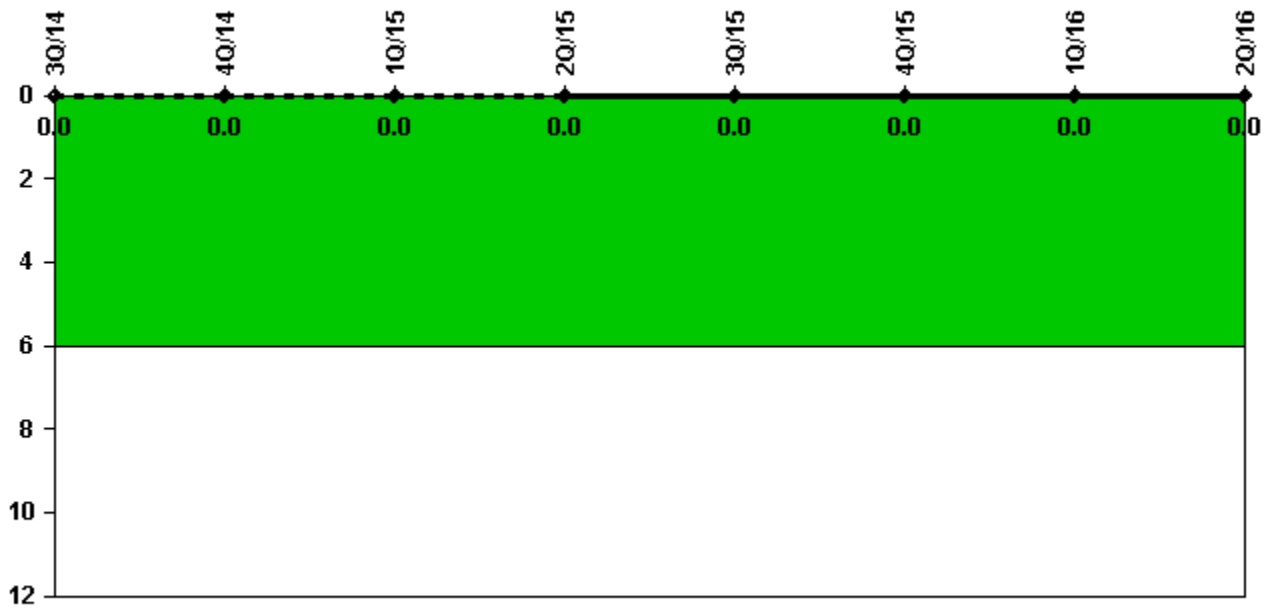
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0
Indicator value	0.9	0.9	0.9	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



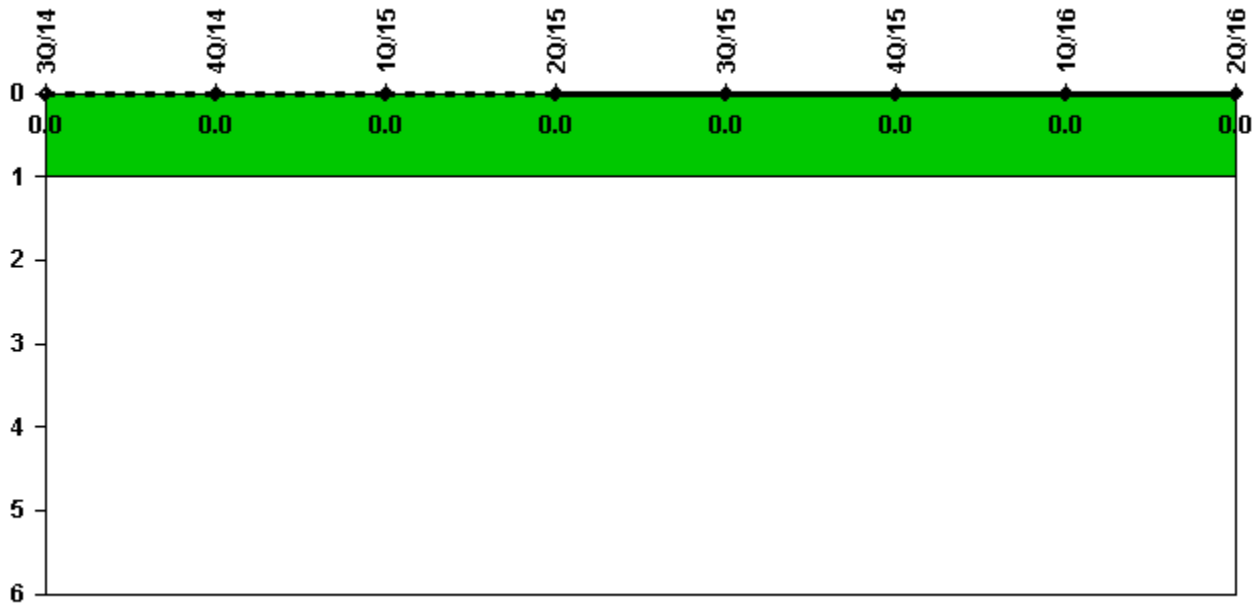
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



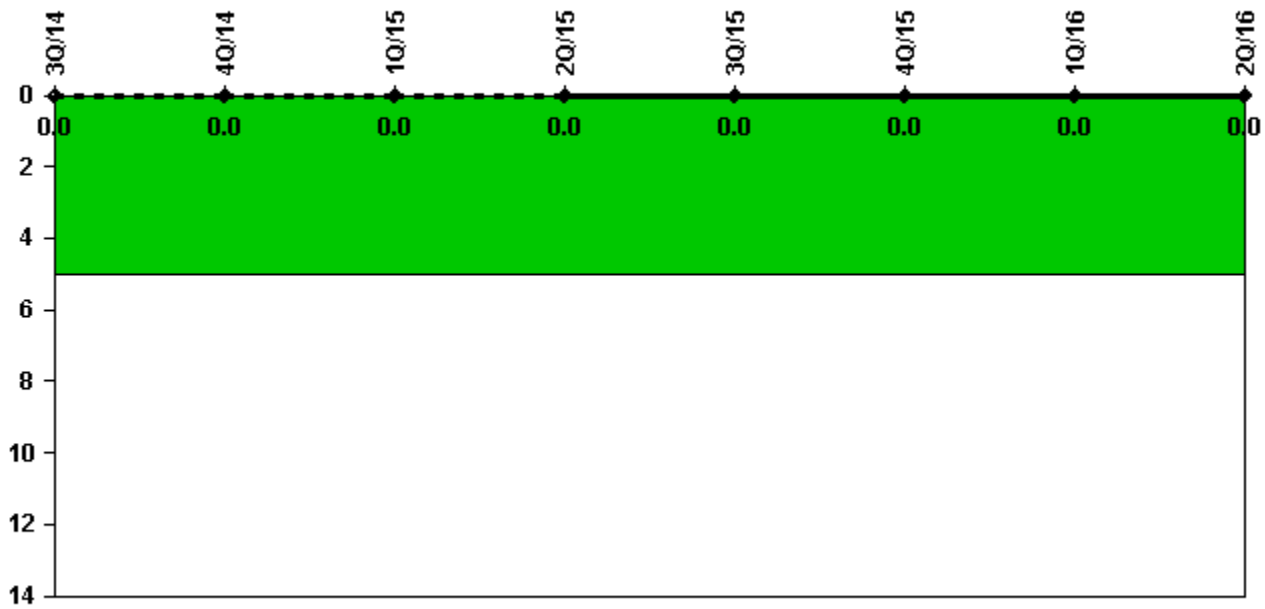
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.32E-08	-3.06E-08	-3.06E-08	-3.06E-08	-3.06E-08	-1.48E-08
URI (Δ CDF)	-9.74E-08	-1.67E-08	-1.87E-08	-2.01E-08	-2.24E-08	-2.13E-08	-1.97E-08	-2.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-5.00E-08	-5.20E-08	-5.10E-08	-5.30E-08	-5.20E-08	-5.00E-08	-3.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



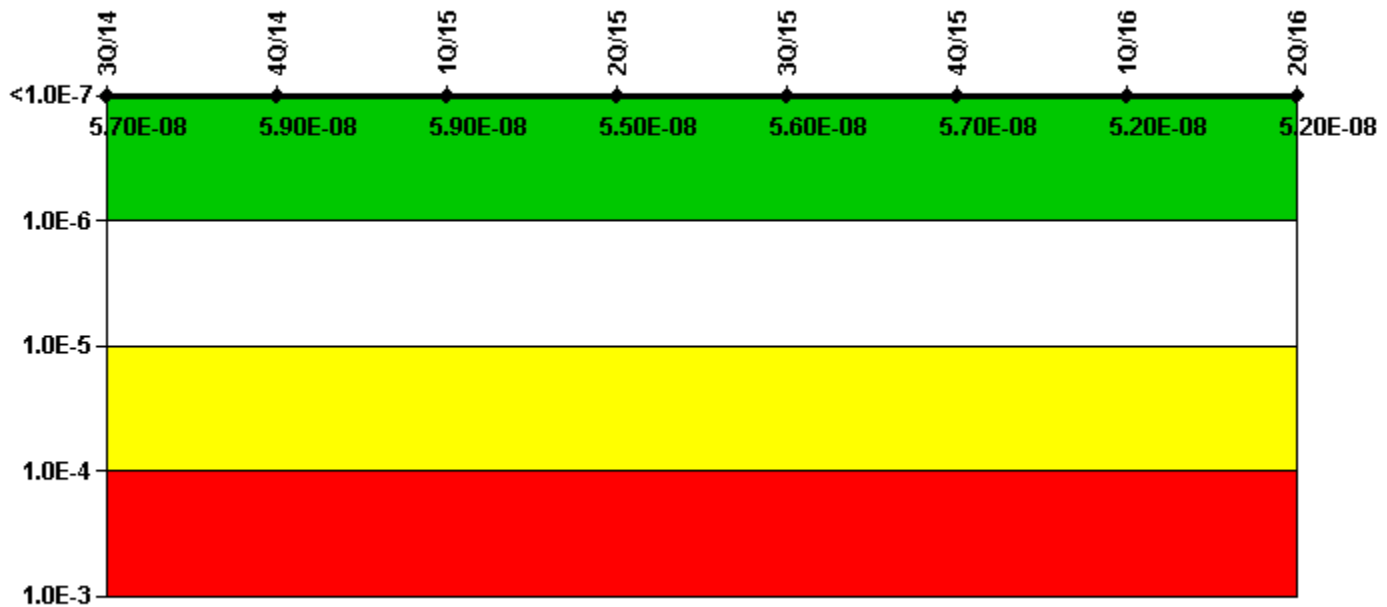
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.13E-09	-3.11E-09	-3.11E-09	-3.11E-09	-3.11E-09	-2.89E-09
URI (Δ CDF)	-2.50E-09	-2.44E-09	-2.45E-09	-2.50E-09	-2.35E-09	-2.31E-09	-2.35E-09	-2.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.40E-09	-5.50E-09	-5.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



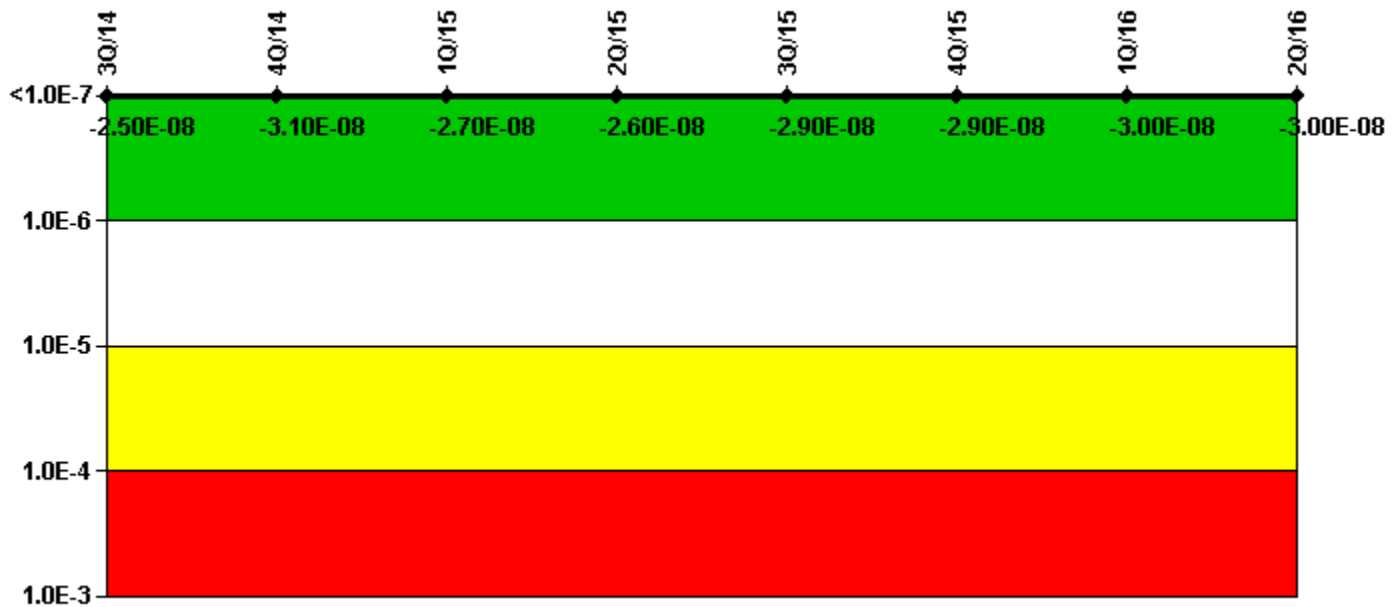
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-2.02E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.74E-08	7.91E-08	7.92E-08	7.32E-08	7.46E-08	7.57E-08	7.07E-08	7.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-08	5.90E-08	5.90E-08	5.50E-08	5.60E-08	5.70E-08	5.20E-08	5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



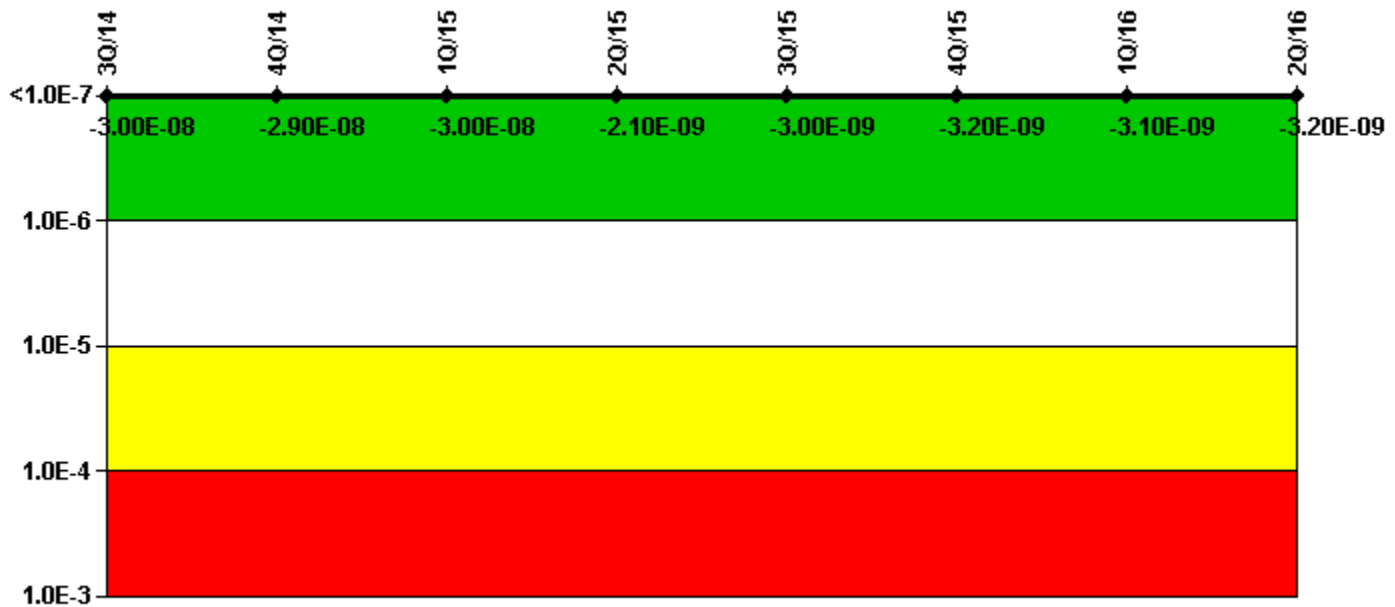
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-8.85E-10	-8.46E-09	-5.10E-09	-3.59E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.45E-08	-2.22E-08	-2.22E-08	-2.21E-08	-2.04E-08	-2.10E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-08	-3.10E-08	-2.70E-08	-2.60E-08	-2.90E-08	-2.90E-08	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



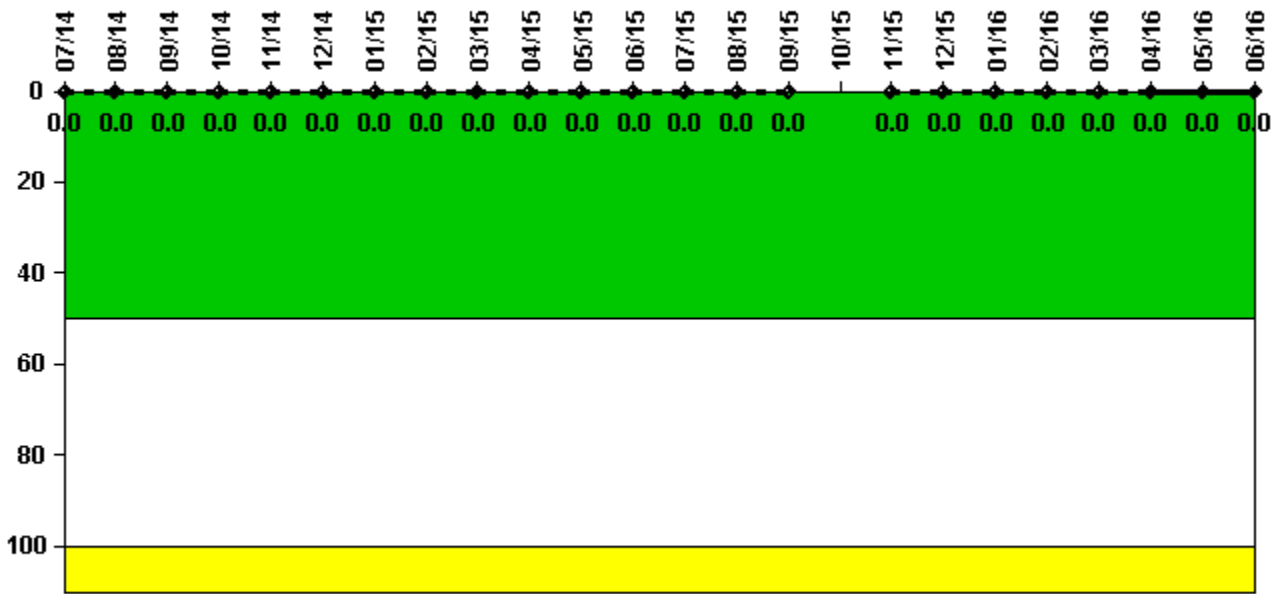
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.93E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.03E-08	-2.94E-08	-3.00E-08	-2.09E-09	-2.98E-09	-3.18E-09	-3.06E-09	-3.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-2.90E-08	-3.00E-08	-2.10E-09	-3.00E-09	-3.20E-09	-3.10E-09	-3.20E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

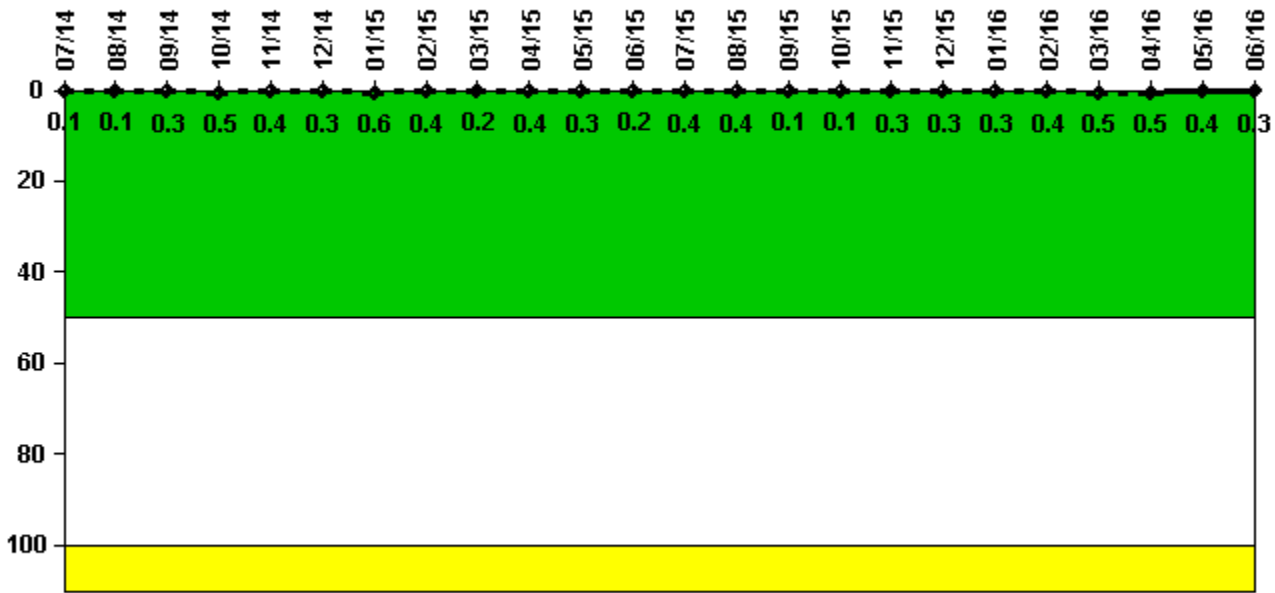
Notes

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000041	0.000037	0.000038	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000062	0.000060	0.000055	N/A	0.000038	0.000039	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

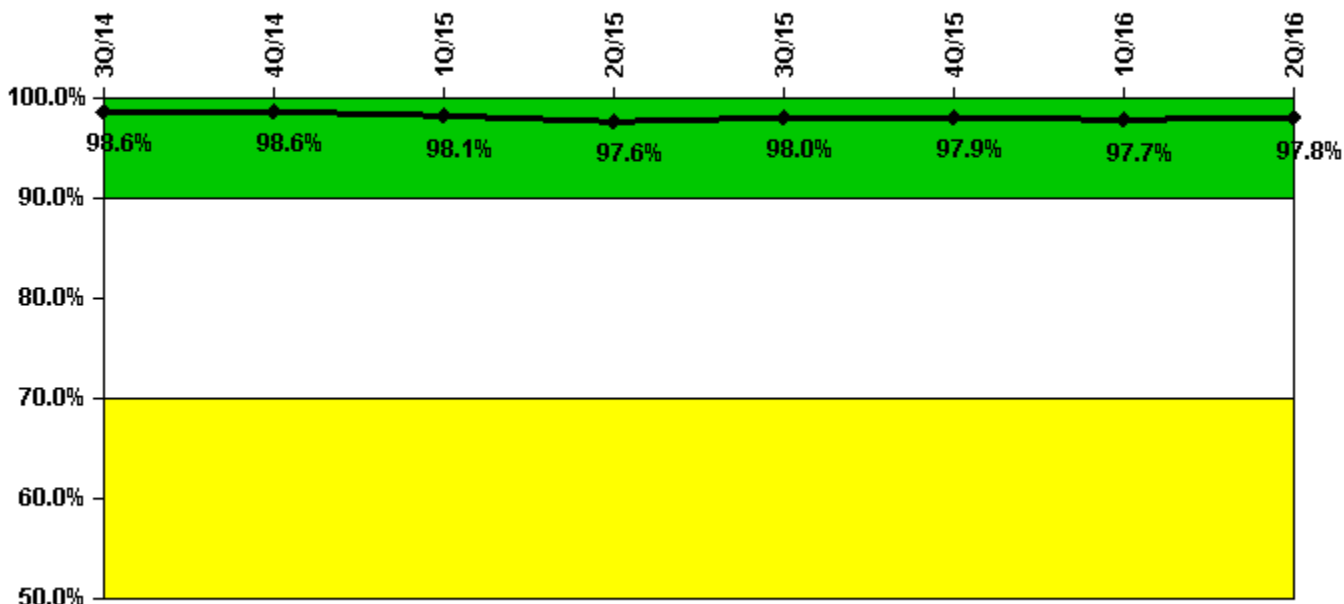
Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.013	0.013	0.031	0.052	0.037	0.033	0.058	0.038	0.016	0.036	0.026	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.3	0.5	0.4	0.3	0.6	0.4	0.2	0.4	0.3	0.2

Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.035	0.037	0.012	0.011	0.029	0.027	0.031	0.040	0.048	0.048	0.035	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



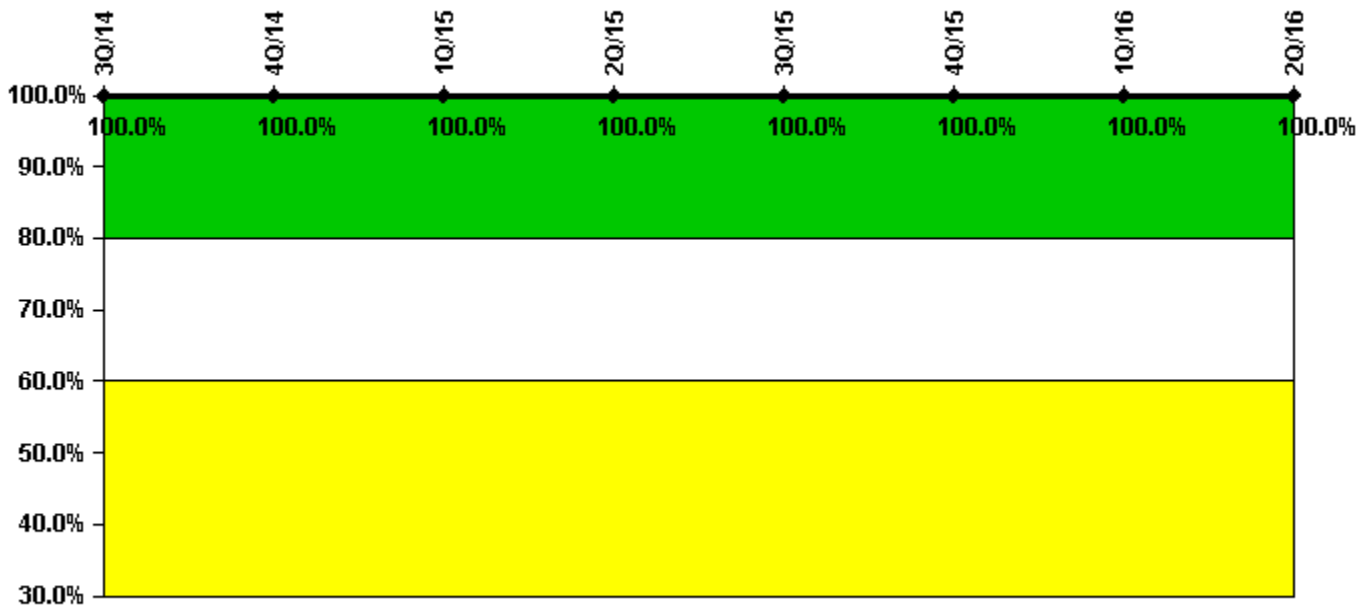
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	16.0	44.0	22.0	27.0	4.0	36.0	42.0	32.0
Total opportunities	18.0	44.0	23.0	28.0	4.0	36.0	43.0	32.0
Indicator value	98.6%	98.6%	98.1%	97.6%	98.0%	97.9%	97.7%	97.8%

Licensee Comments: none

ERO Drill Participation



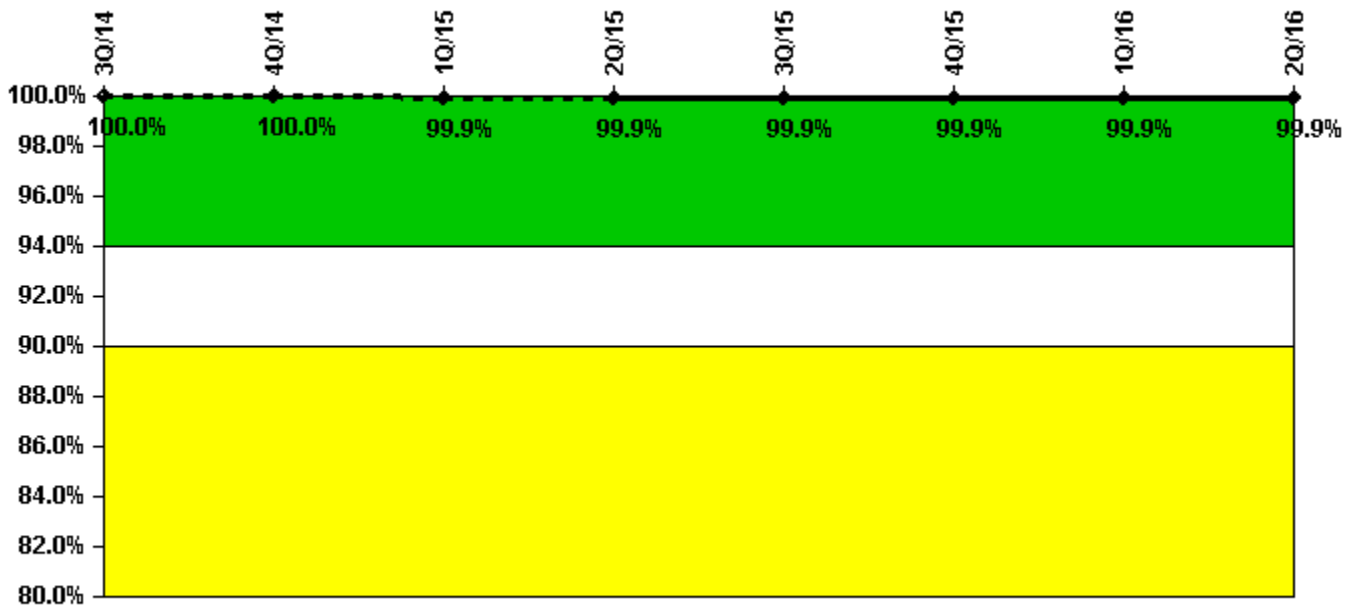
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	95.0	93.0	93.0	94.0	94.0	87.0	93.0	97.0
Total Key personnel	95.0	93.0	93.0	94.0	94.0	87.0	93.0	97.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



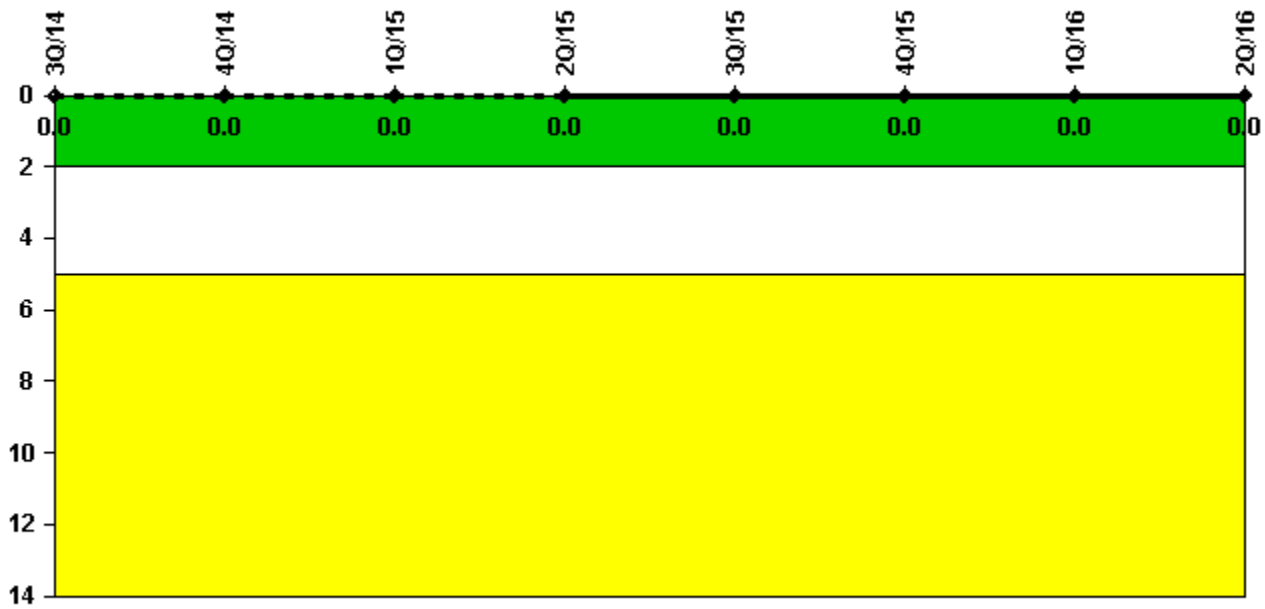
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	725	847	725	847	724	847	726	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



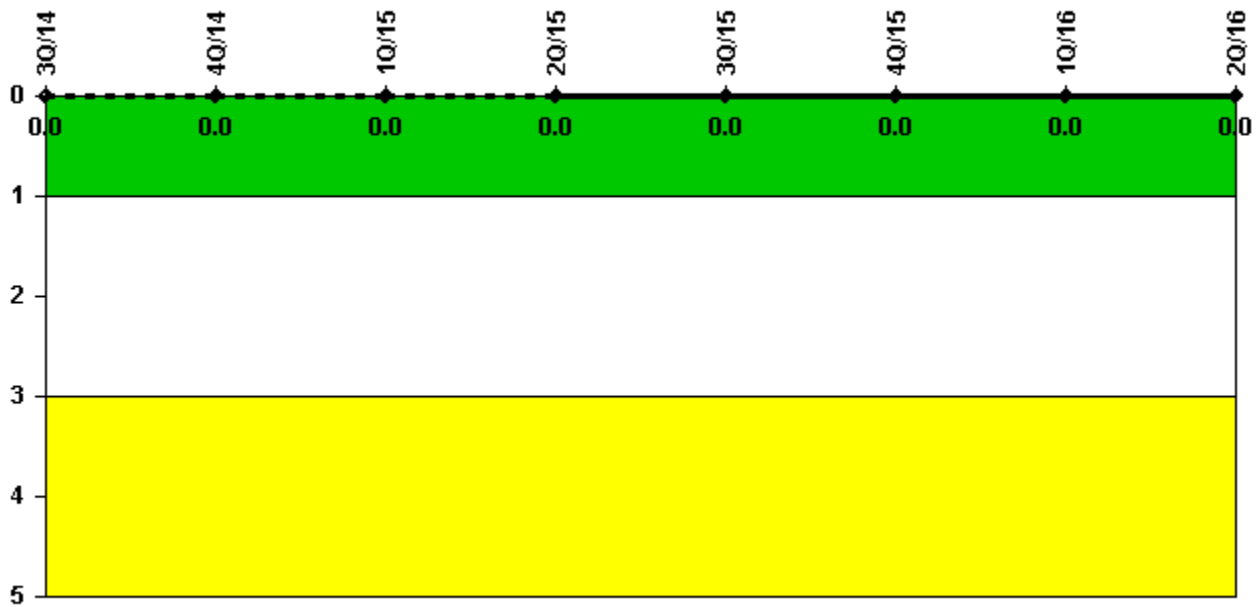
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: July 25, 2016

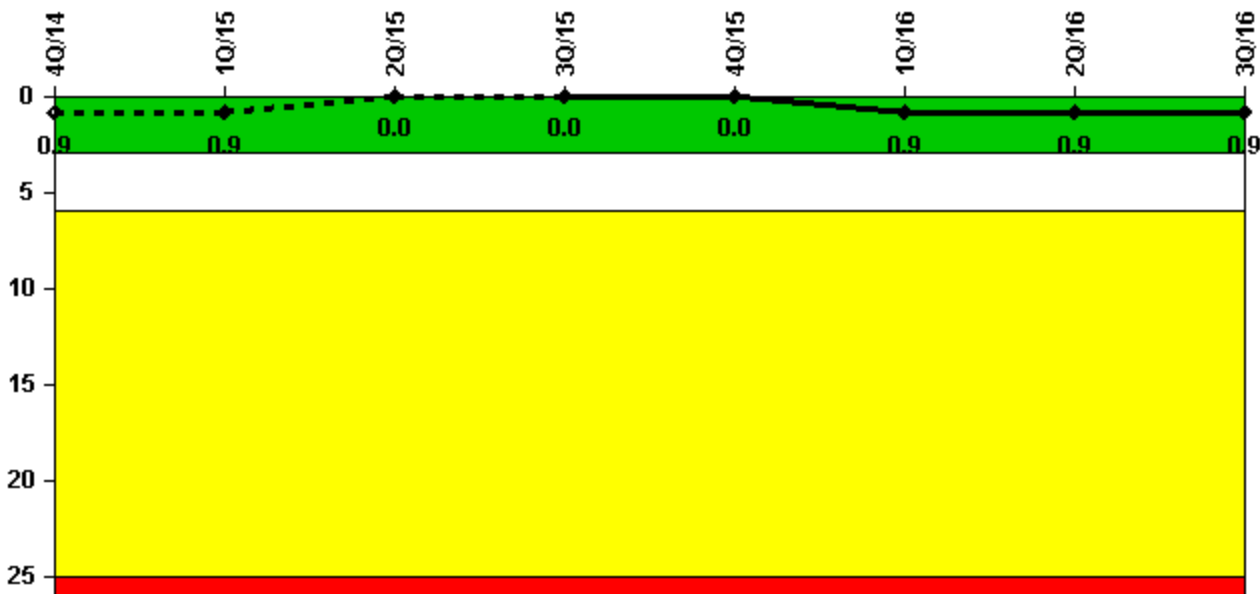
Seabrook 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



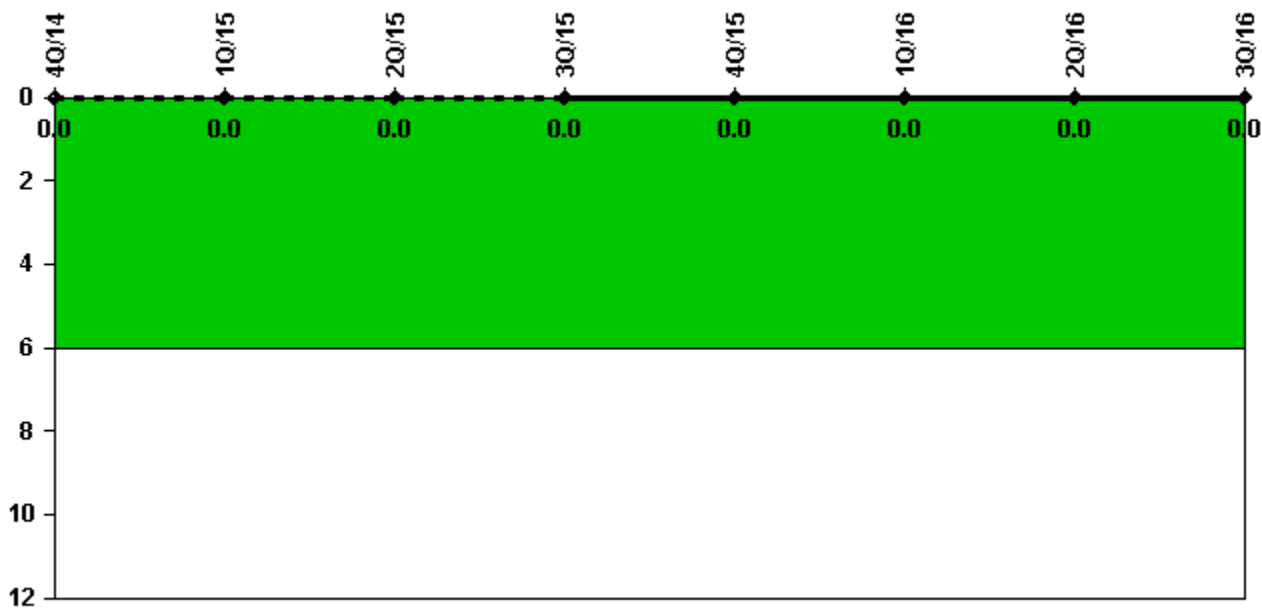
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0
Indicator value	0.9	0.9	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



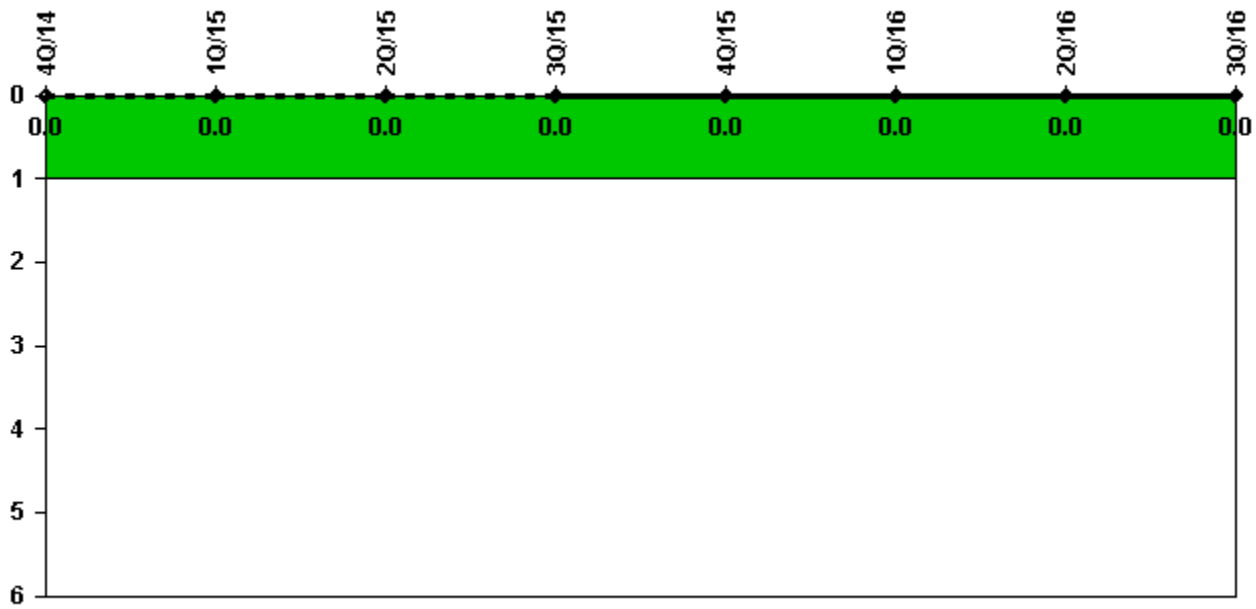
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



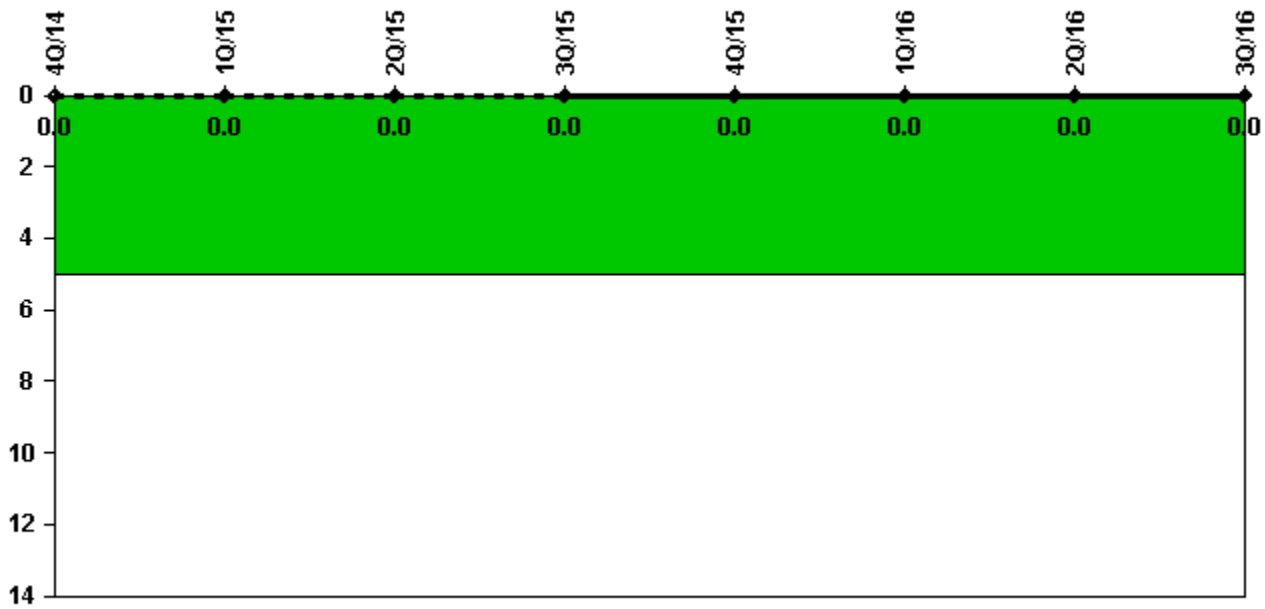
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



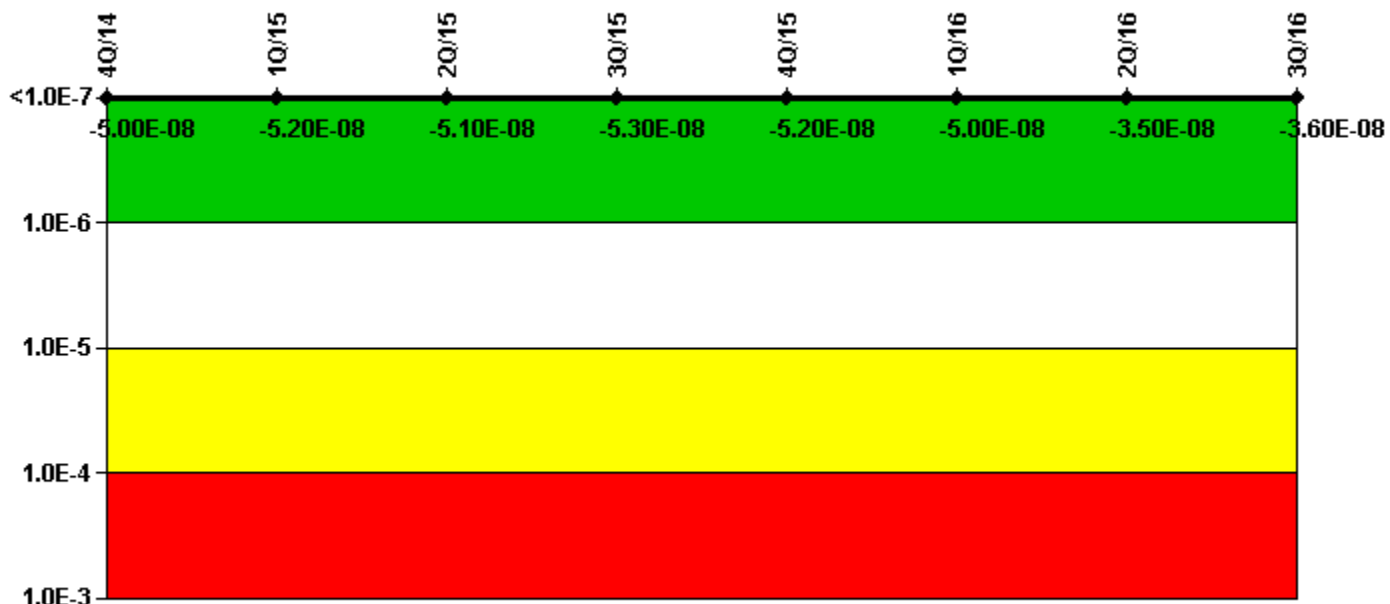
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



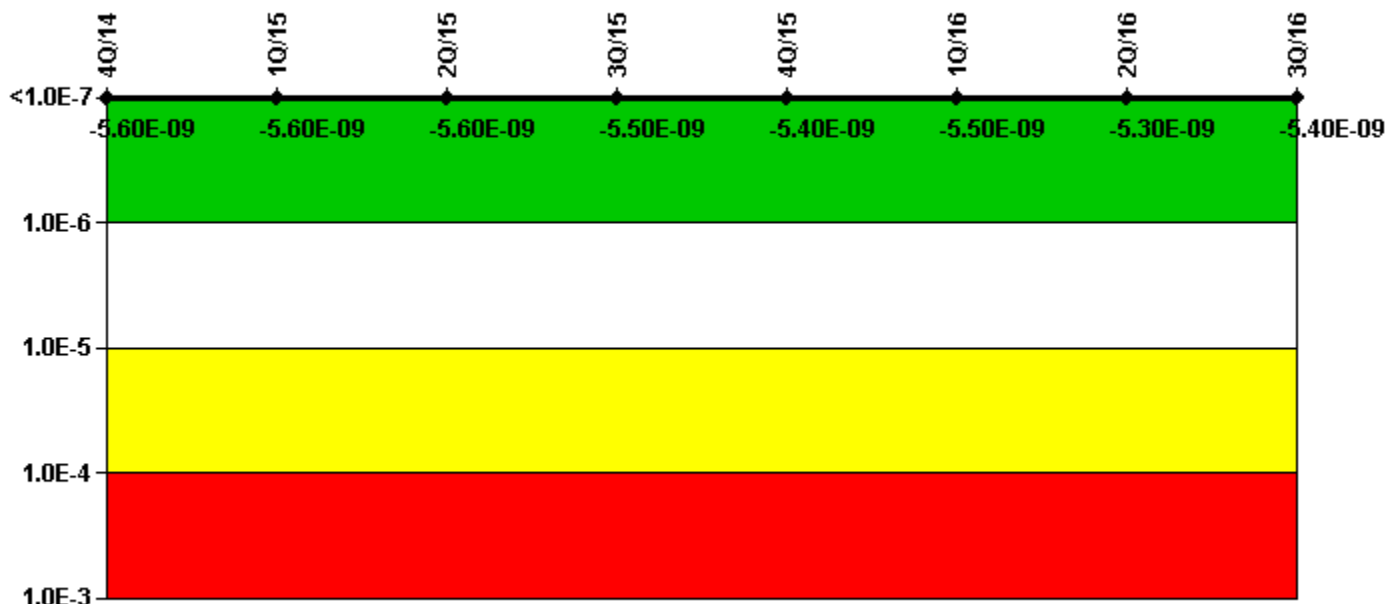
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-3.32E-08	-3.32E-08	-3.06E-08	-3.06E-08	-3.06E-08	-3.06E-08	-1.46E-08	-1.49E-08
URI (Δ CDF)	-1.67E-08	-1.87E-08	-2.01E-08	-2.24E-08	-2.13E-08	-1.97E-08	-2.07E-08	-2.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-5.20E-08	-5.10E-08	-5.30E-08	-5.20E-08	-5.00E-08	-3.50E-08	-3.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



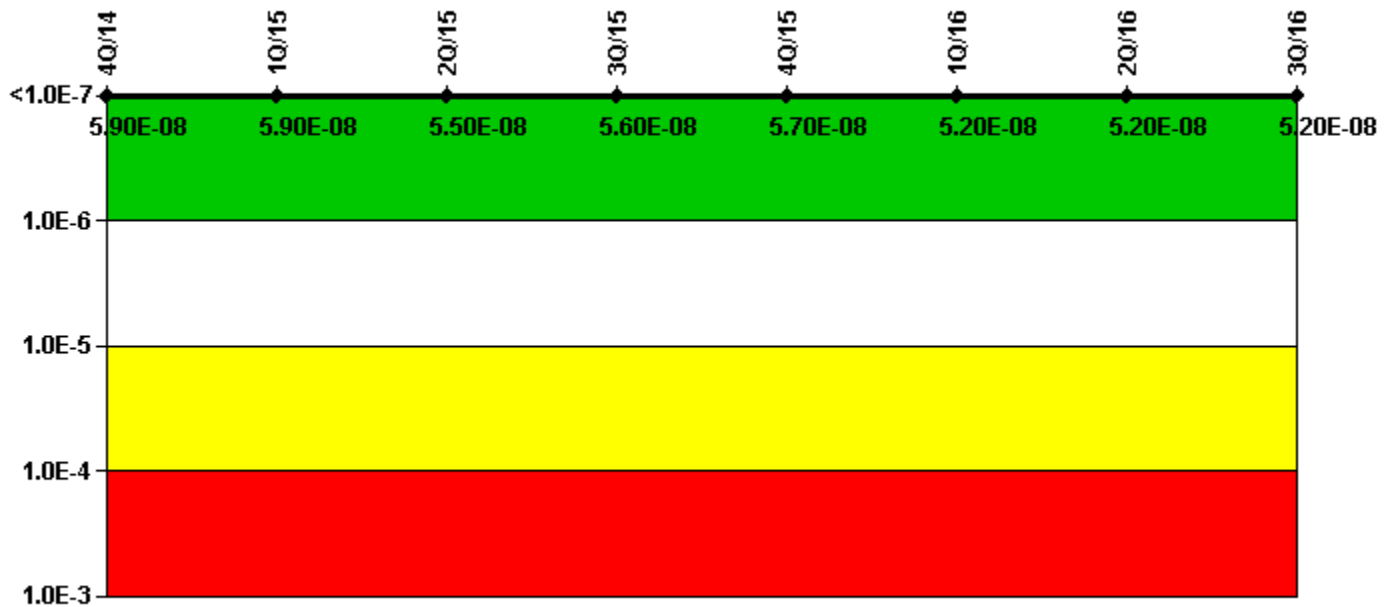
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-3.13E-09	-3.13E-09	-3.11E-09	-3.11E-09	-3.11E-09	-3.11E-09	-2.89E-09	-3.02E-09
URI (Δ CDF)	-2.44E-09	-2.45E-09	-2.50E-09	-2.35E-09	-2.31E-09	-2.35E-09	-2.36E-09	-2.37E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.40E-09	-5.50E-09	-5.30E-09	-5.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



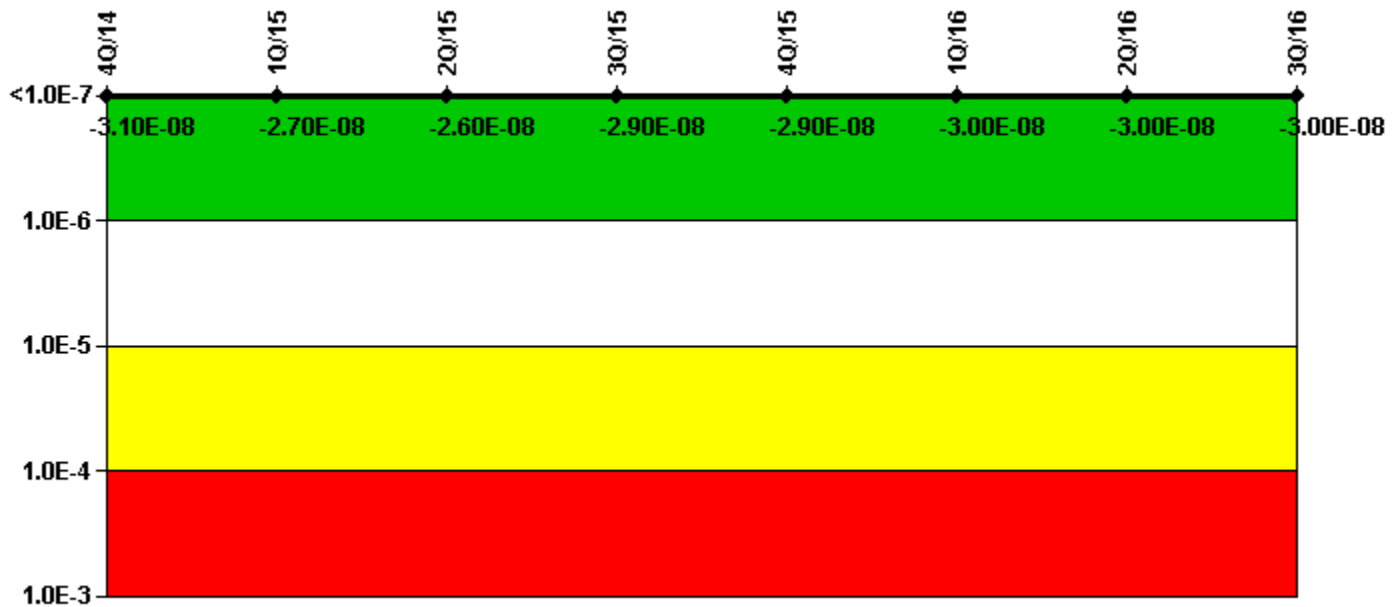
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-2.02E-08	-2.02E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.91E-08	7.92E-08	7.32E-08	7.46E-08	7.57E-08	7.07E-08	7.07E-08	7.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.90E-08	5.90E-08	5.50E-08	5.60E-08	5.70E-08	5.20E-08	5.20E-08	5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



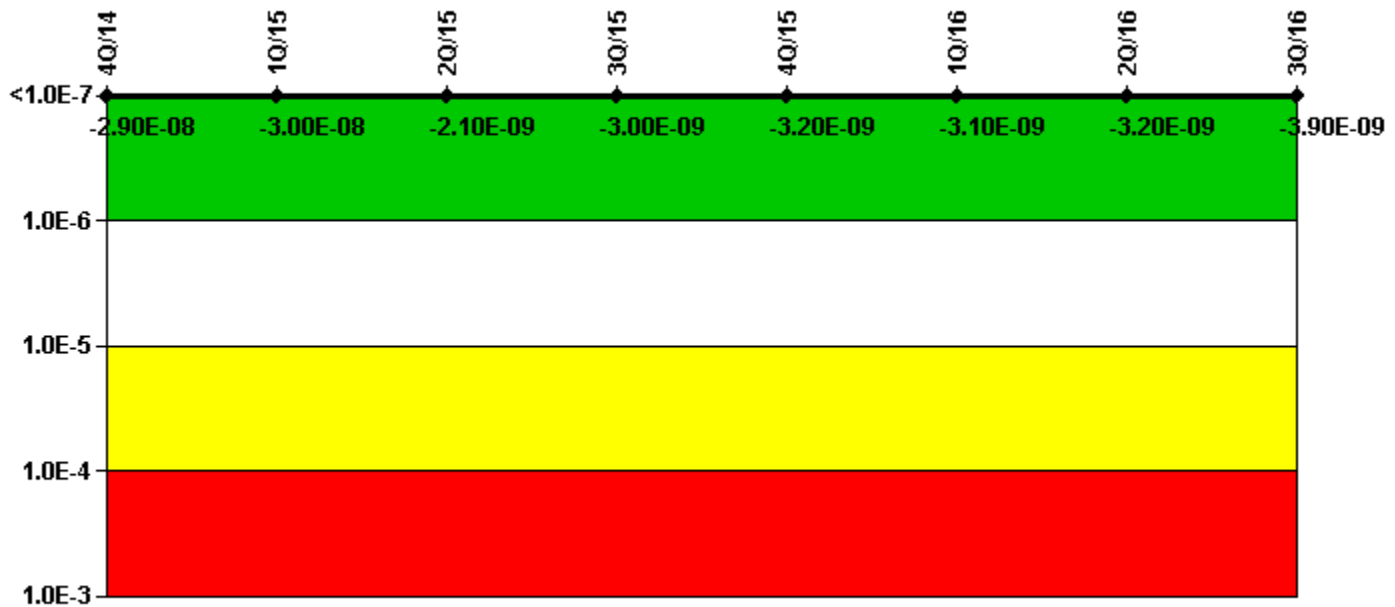
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-8.46E-09	-5.10E-09	-3.59E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.22E-08	-2.22E-08	-2.21E-08	-2.04E-08	-2.10E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-2.70E-08	-2.60E-08	-2.90E-08	-2.90E-08	-3.00E-08	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



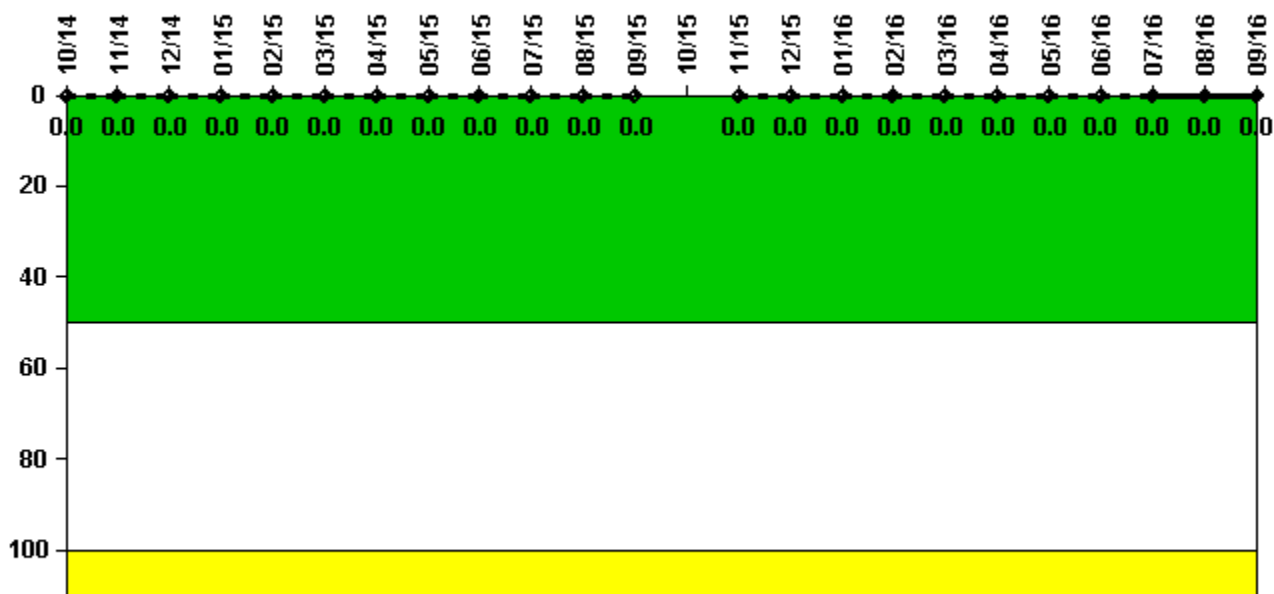
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-1.93E-14	-1.93E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-2.94E-08	-3.00E-08	-2.09E-09	-2.98E-09	-3.18E-09	-3.06E-09	-3.22E-09	-3.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-08	-3.00E-08	-2.10E-09	-3.00E-09	-3.20E-09	-3.10E-09	-3.20E-09	-3.90E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

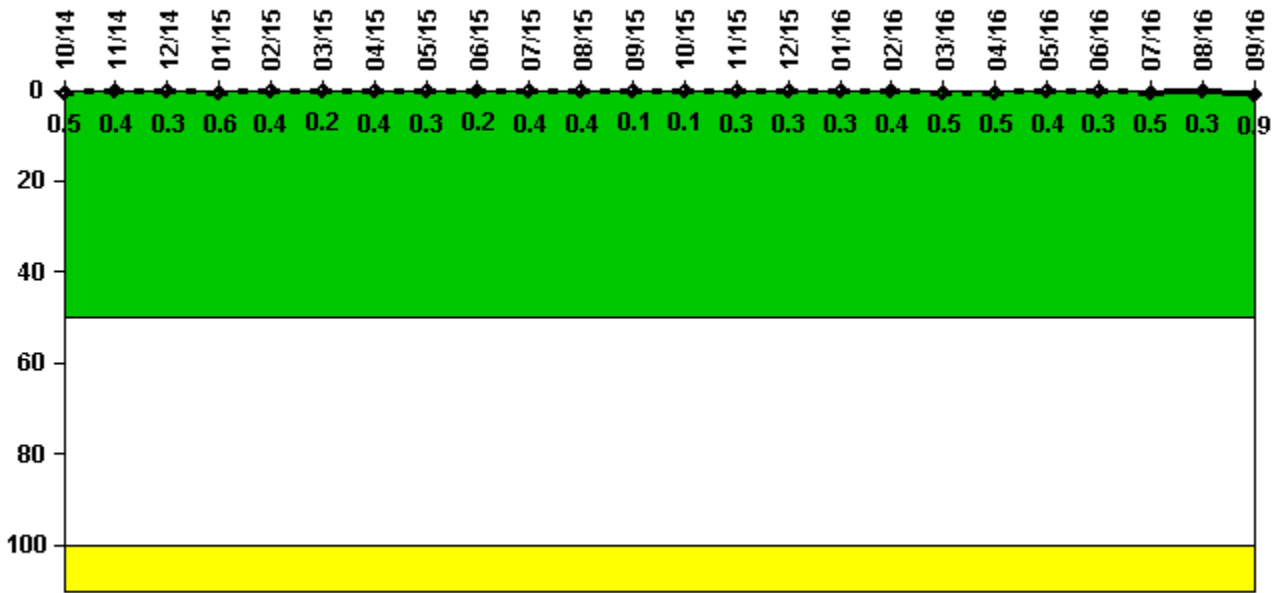
Notes

Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000035	0.000040	0.000047	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	N/A	0.000038	0.000039	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058	0.000050	0.000048	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



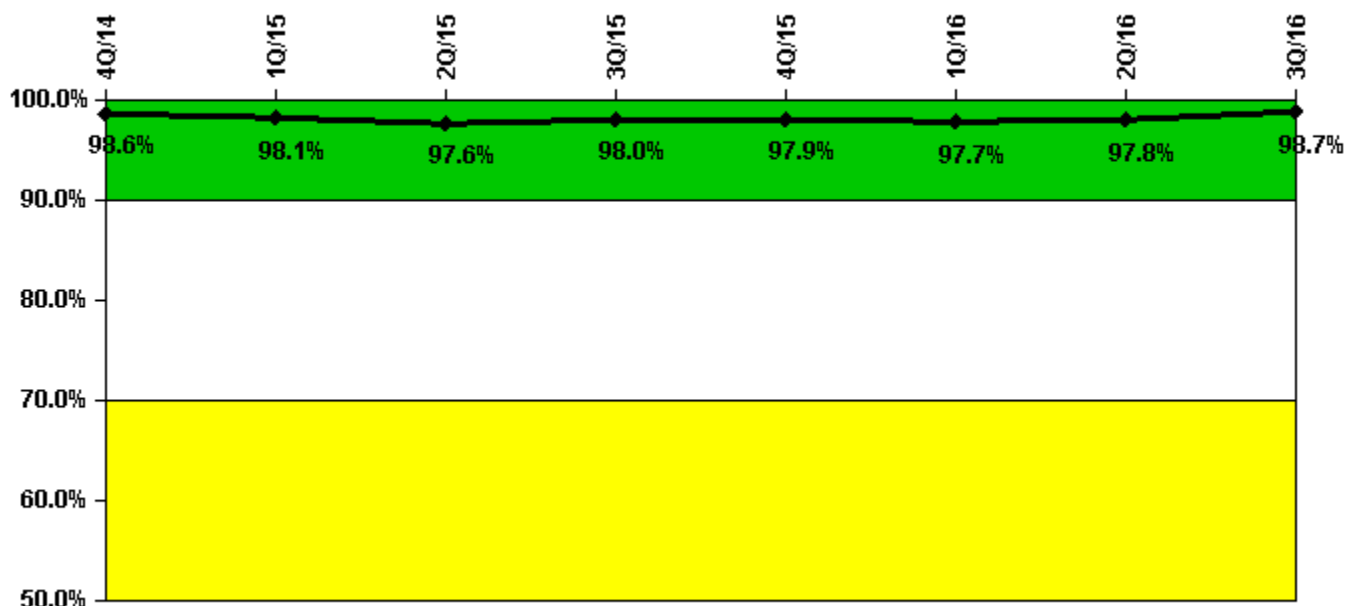
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.052	0.037	0.033	0.058	0.038	0.016	0.036	0.026	0.024	0.035	0.037	0.012
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.3	0.6	0.4	0.2	0.4	0.3	0.2	0.4	0.4	0.1
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.011	0.029	0.027	0.031	0.040	0.048	0.048	0.035	0.029	0.052	0.025	0.091
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.3	0.9

Licensee Comments: none

Drill/Exercise Performance



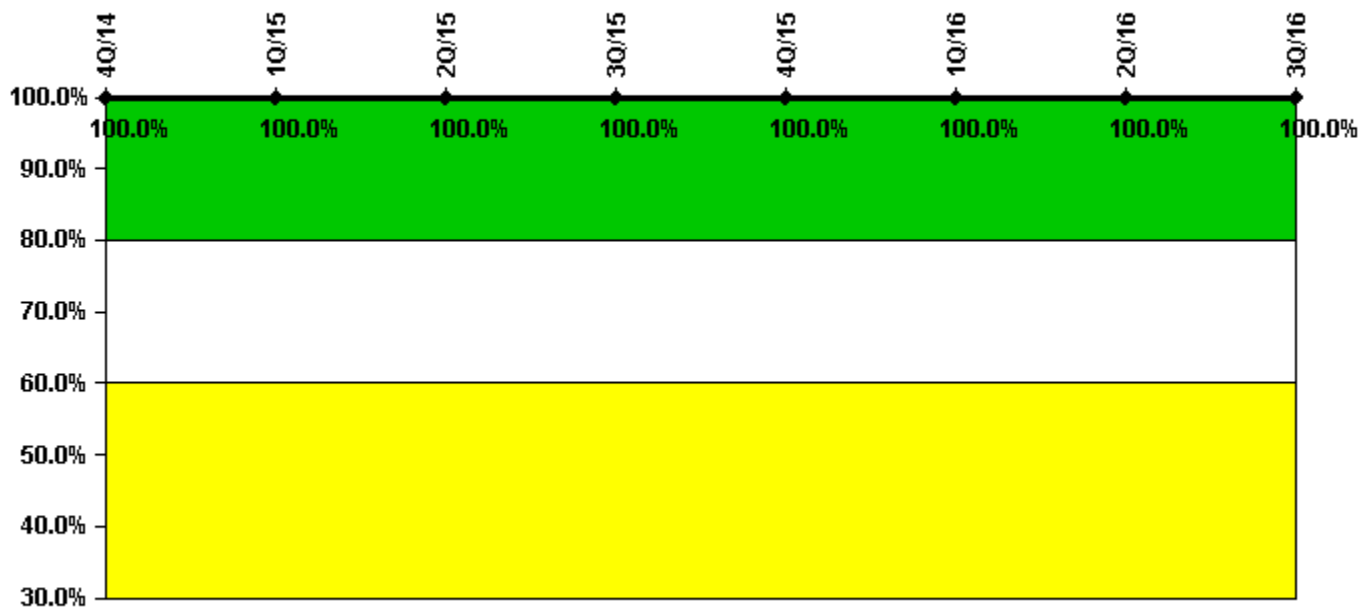
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	44.0	22.0	27.0	4.0	36.0	42.0	32.0	25.0
Total opportunities	44.0	23.0	28.0	4.0	36.0	43.0	32.0	25.0
Indicator value	98.6%	98.1%	97.6%	98.0%	97.9%	97.7%	97.8%	98.7%

Licensee Comments: none

ERO Drill Participation



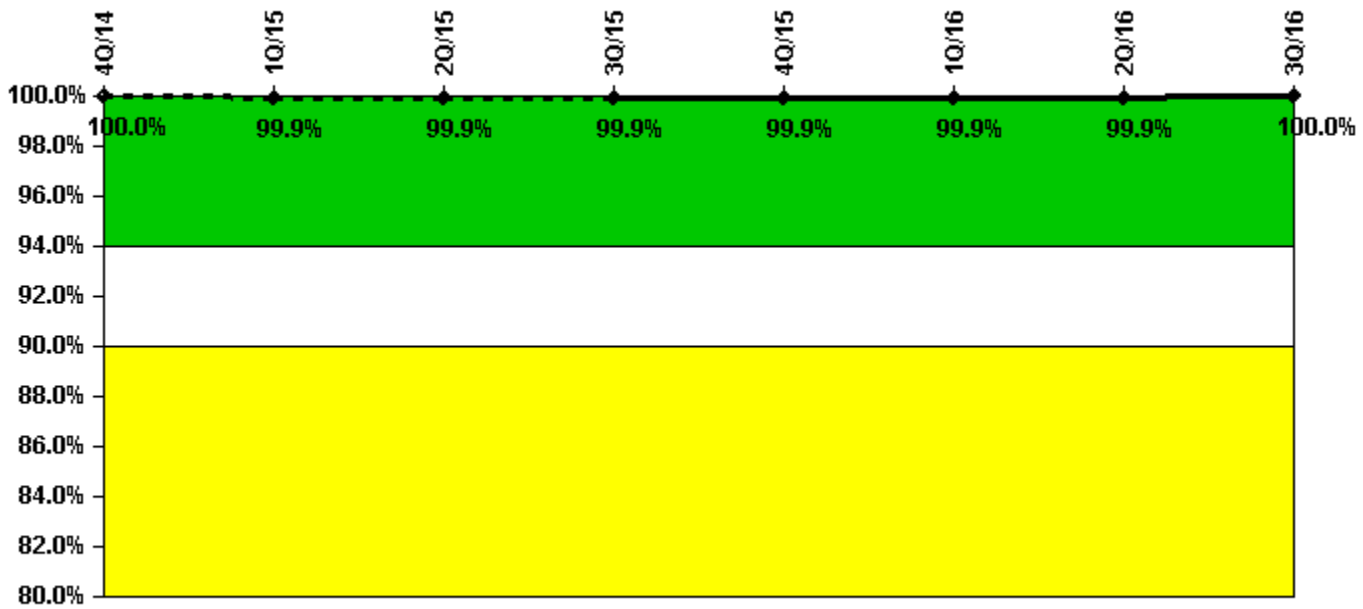
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	93.0	93.0	94.0	94.0	87.0	93.0	97.0	97.0
Total Key personnel	93.0	93.0	94.0	94.0	87.0	93.0	97.0	97.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



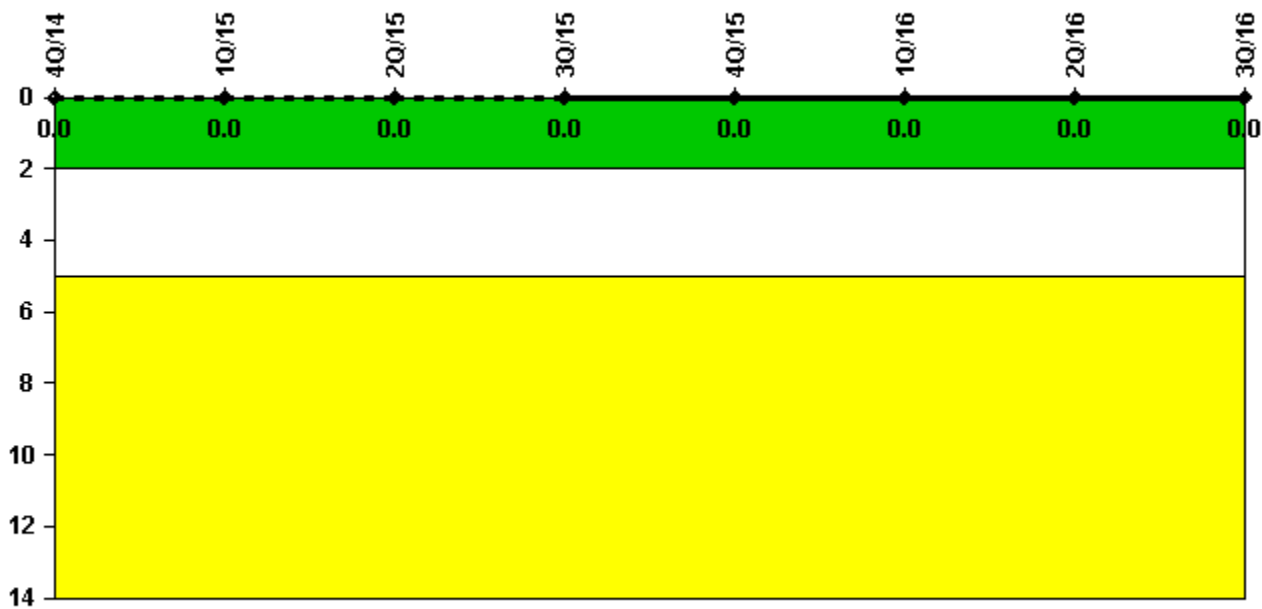
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	847	725	847	724	847	726	847	725
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



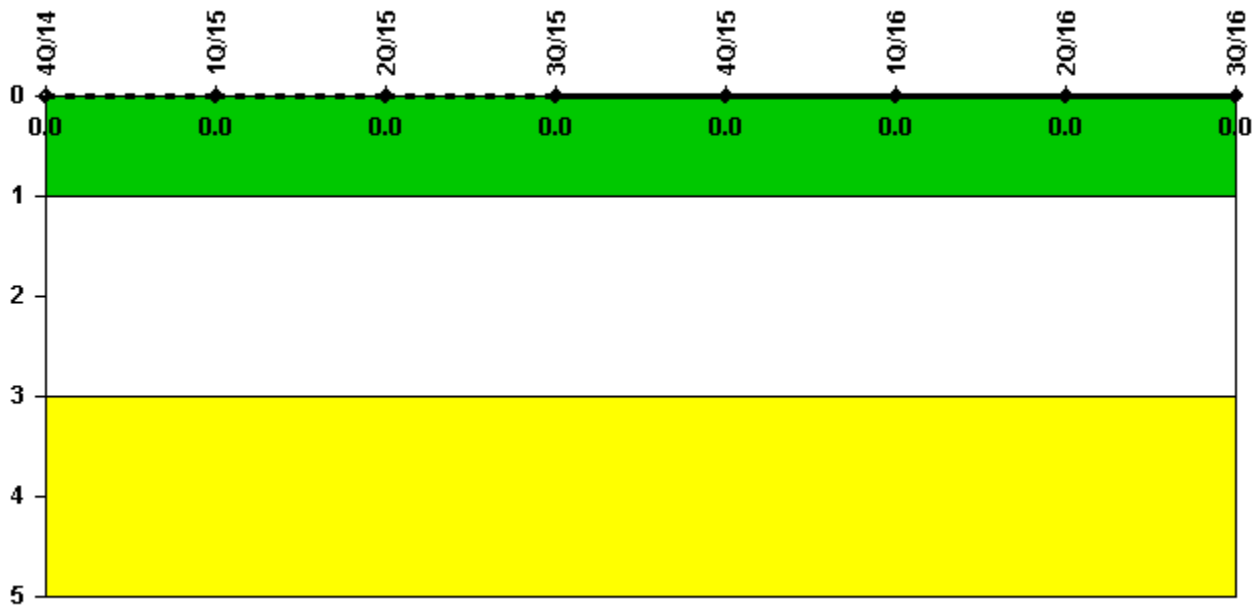
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 23, 2016

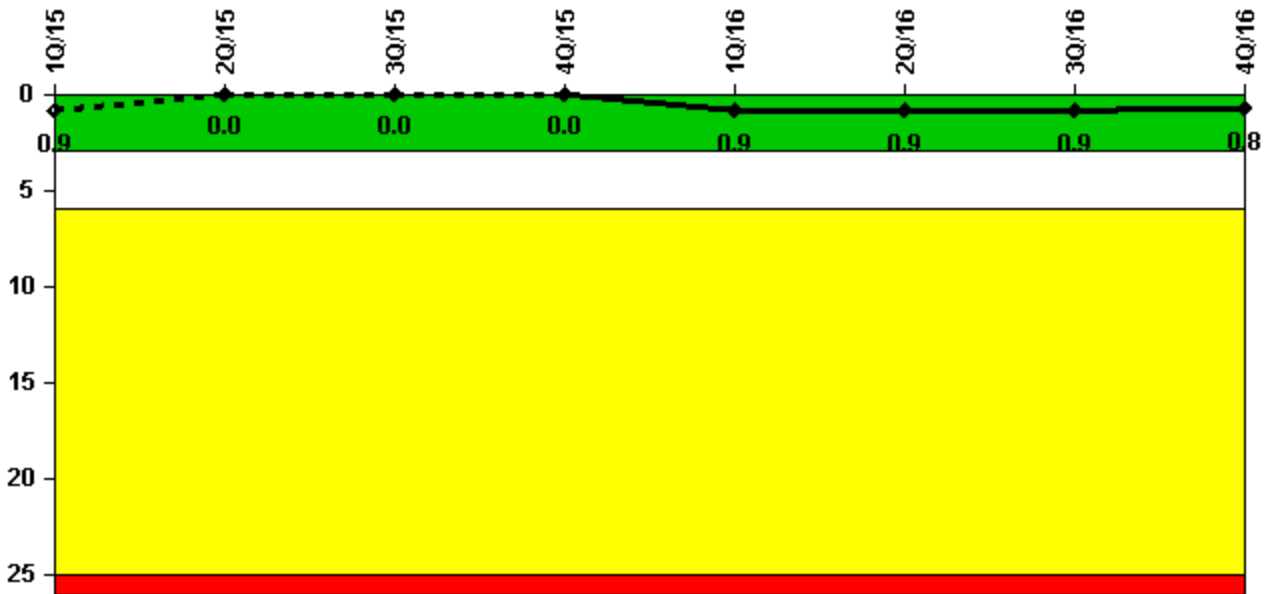
Seabrook 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



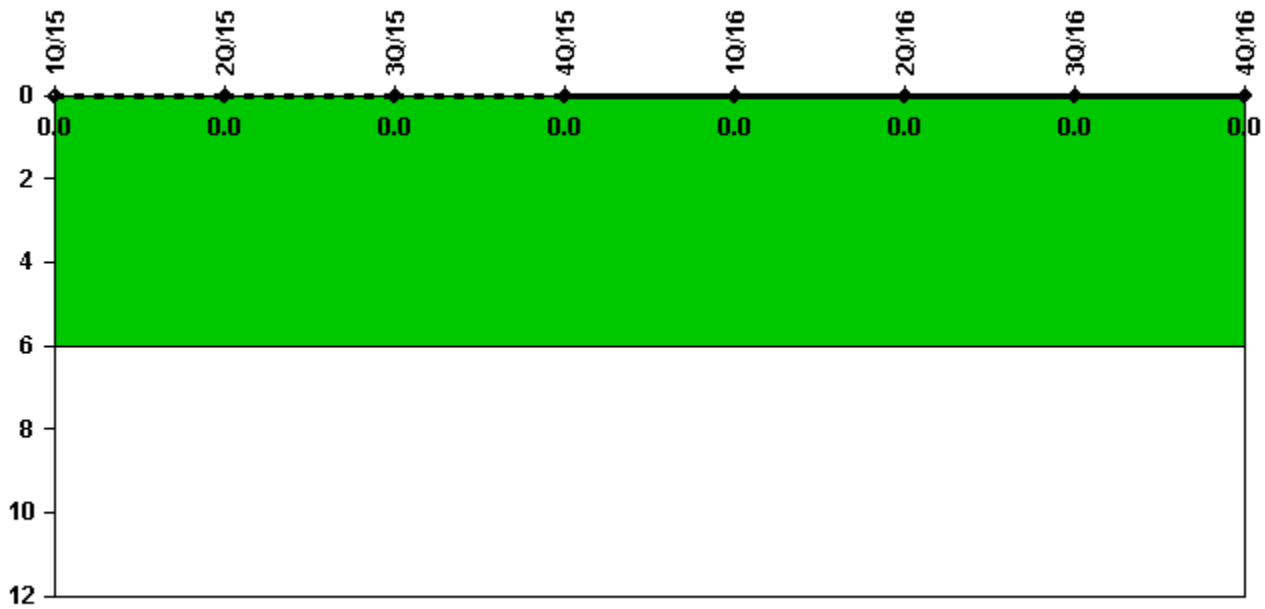
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0
Indicator value	0.9	0	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



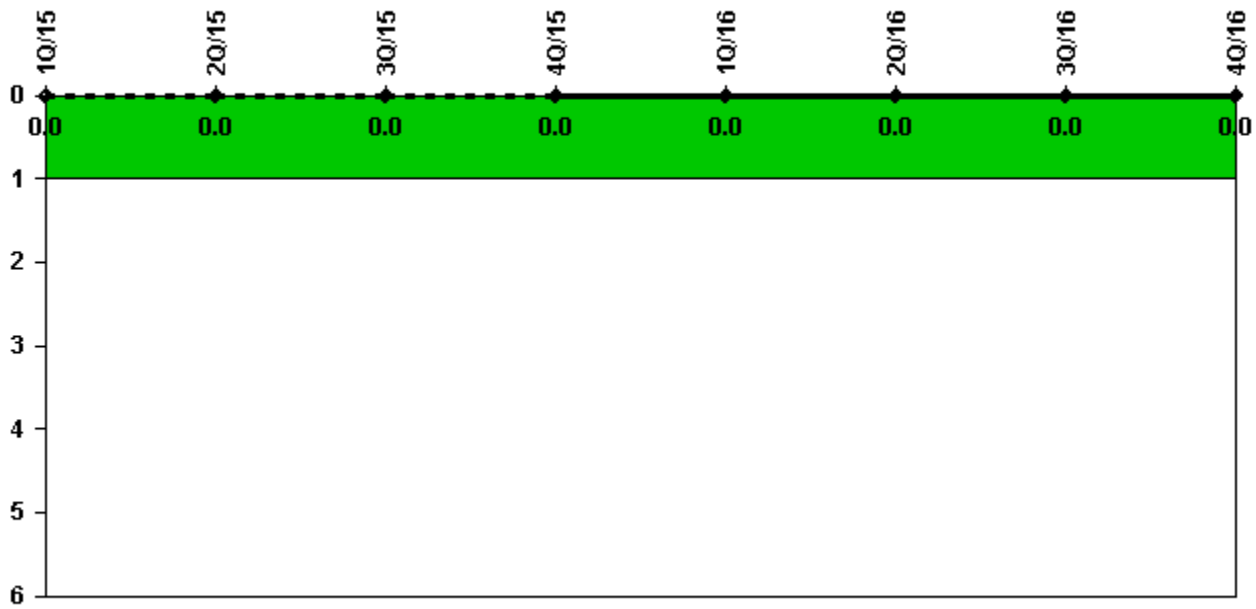
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



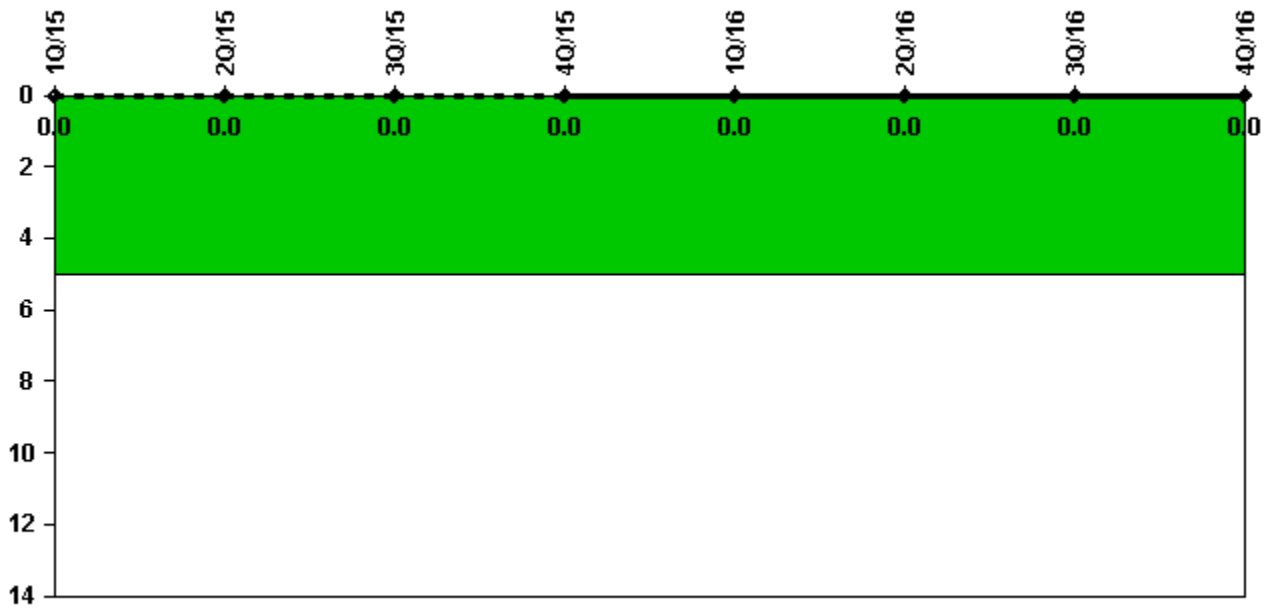
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



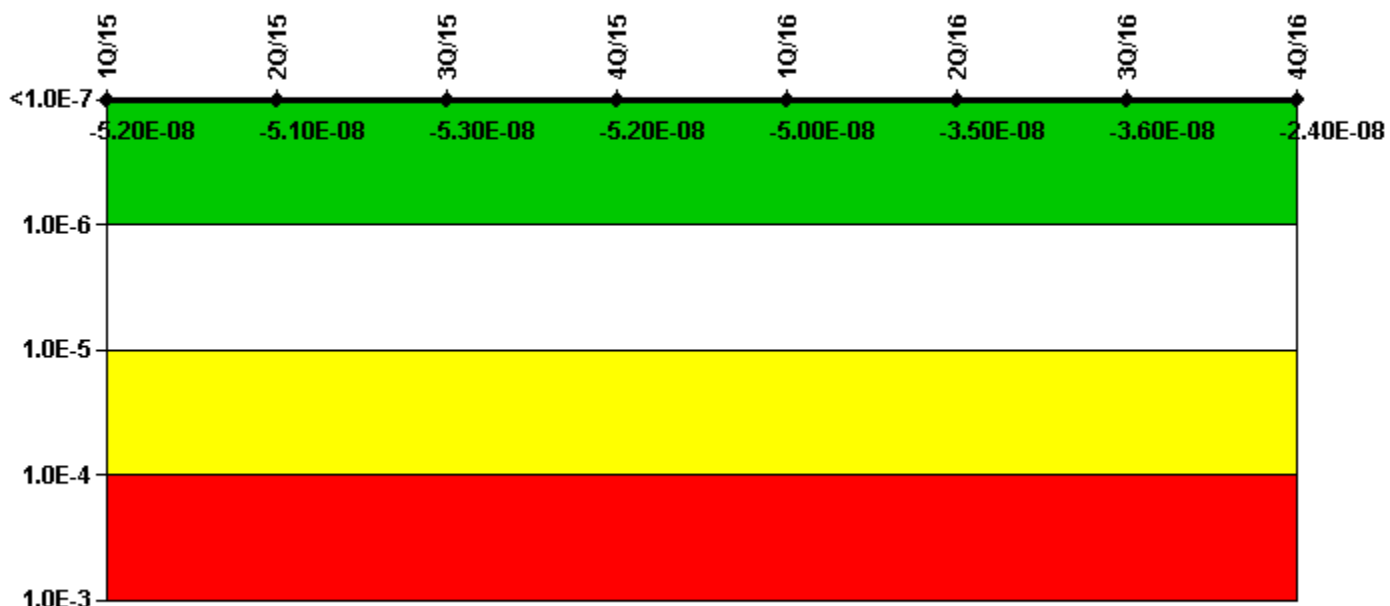
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



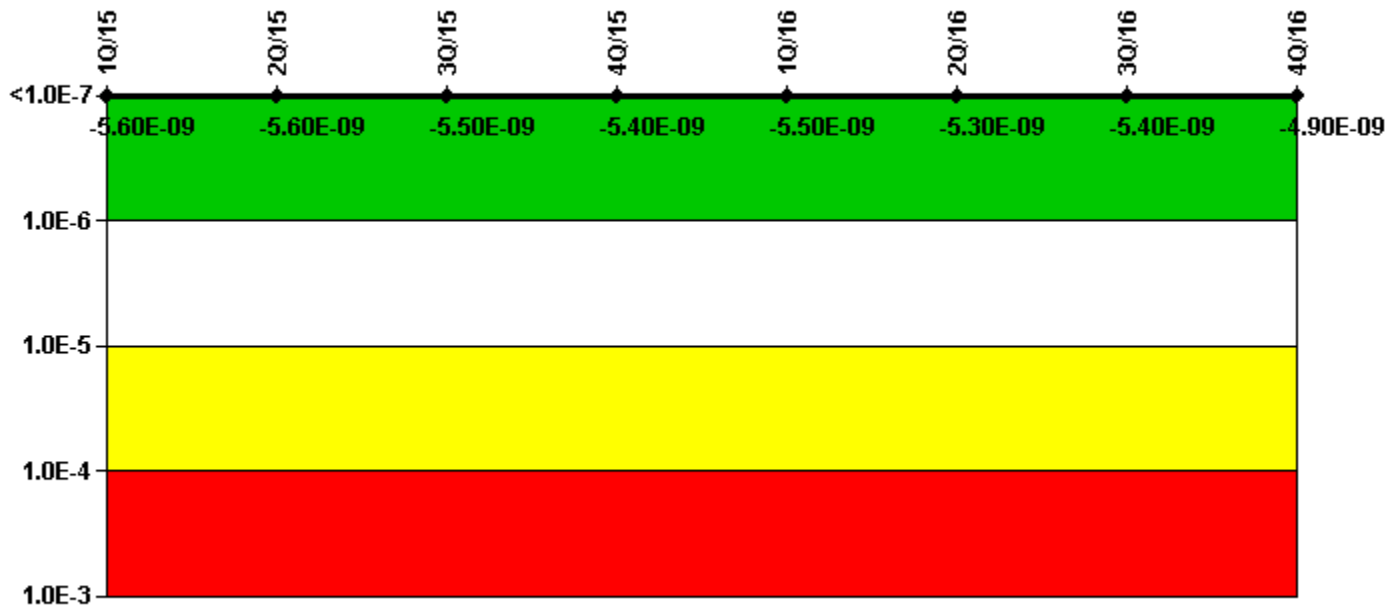
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-3.32E-08	-3.06E-08	-3.06E-08	-3.06E-08	-3.06E-08	-1.46E-08	-1.49E-08	-2.56E-09
URI (Δ CDF)	-1.87E-08	-2.01E-08	-2.24E-08	-2.13E-08	-1.97E-08	-2.07E-08	-2.07E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-5.10E-08	-5.30E-08	-5.20E-08	-5.00E-08	-3.50E-08	-3.60E-08	-2.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



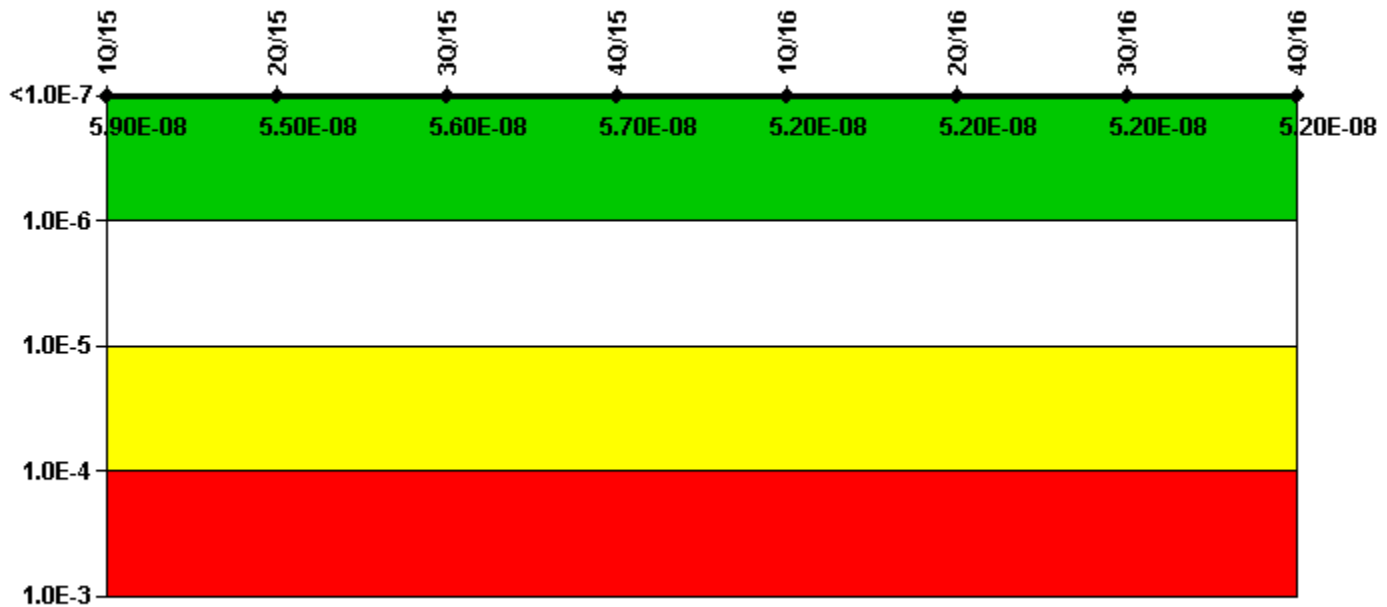
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-3.13E-09	-3.11E-09	-3.11E-09	-3.11E-09	-3.11E-09	-2.89E-09	-3.02E-09	-2.56E-09
URI (Δ CDF)	-2.45E-09	-2.50E-09	-2.35E-09	-2.31E-09	-2.35E-09	-2.36E-09	-2.37E-09	-2.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-09	-5.60E-09	-5.50E-09	-5.40E-09	-5.50E-09	-5.30E-09	-5.40E-09	-4.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



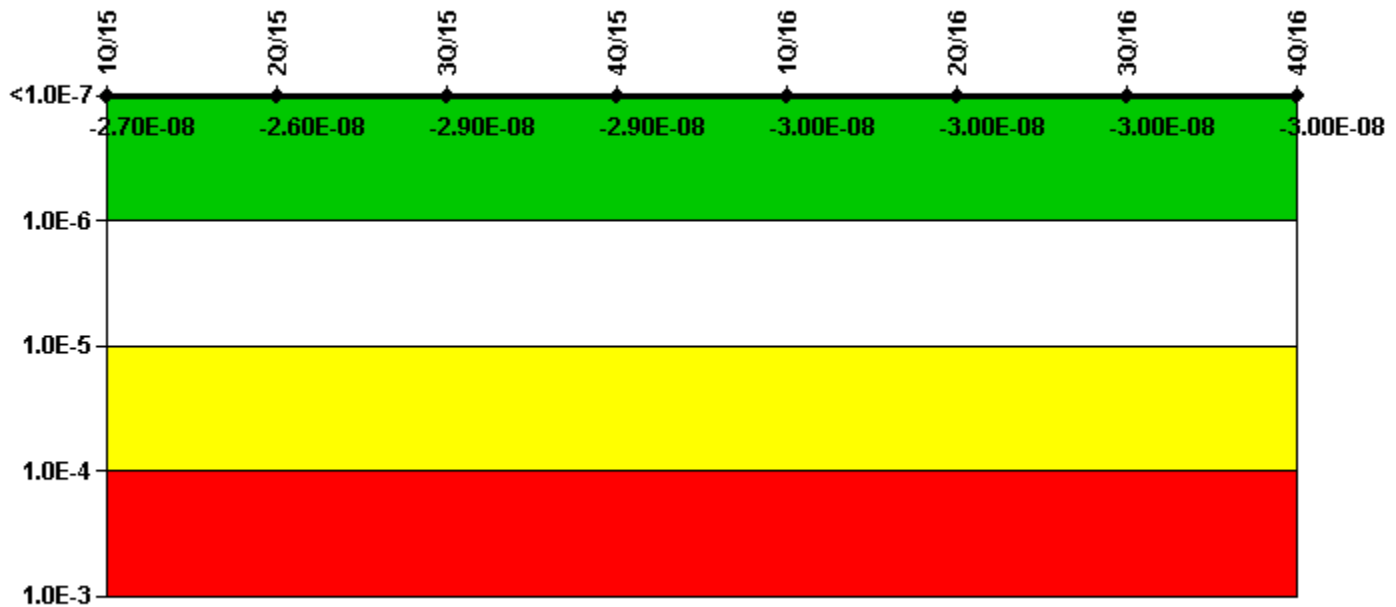
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-2.02E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.92E-08	7.32E-08	7.46E-08	7.57E-08	7.07E-08	7.07E-08	7.08E-08	7.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.90E-08	5.50E-08	5.60E-08	5.70E-08	5.20E-08	5.20E-08	5.20E-08	5.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



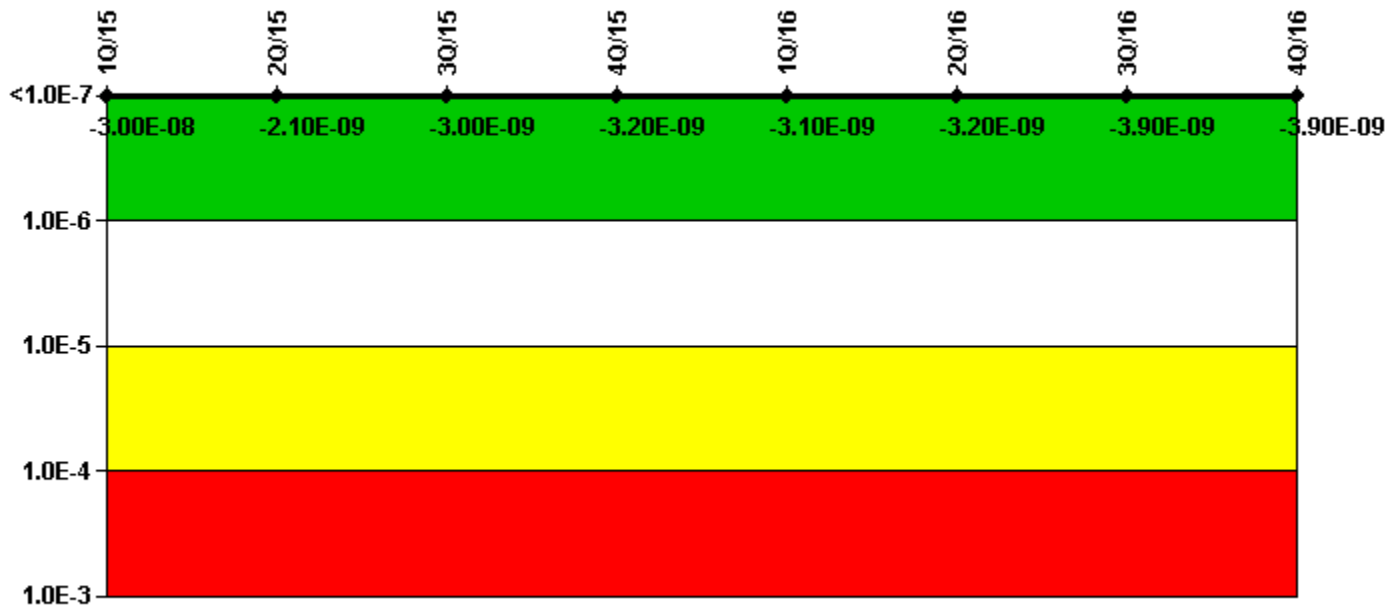
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-5.10E-09	-3.59E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.22E-08	-2.21E-08	-2.04E-08	-2.10E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-08	-2.60E-08	-2.90E-08	-2.90E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



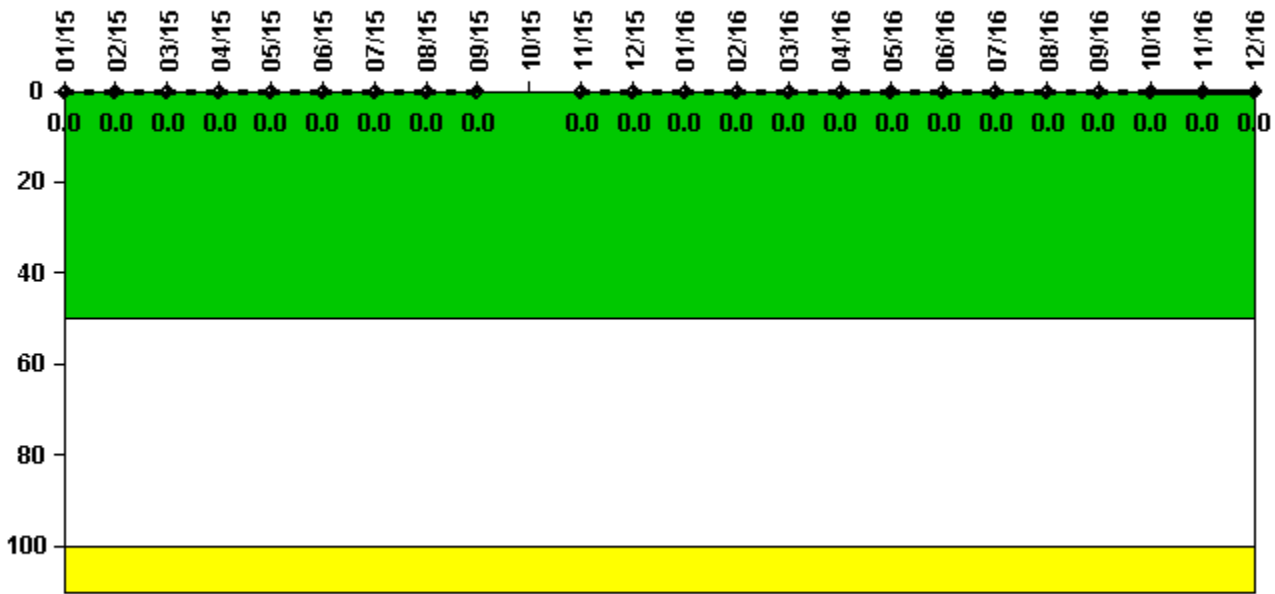
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-1.93E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.00E-08	-2.09E-09	-2.98E-09	-3.18E-09	-3.06E-09	-3.22E-09	-3.94E-09	-3.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-2.10E-09	-3.00E-09	-3.20E-09	-3.10E-09	-3.20E-09	-3.90E-09	-3.90E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

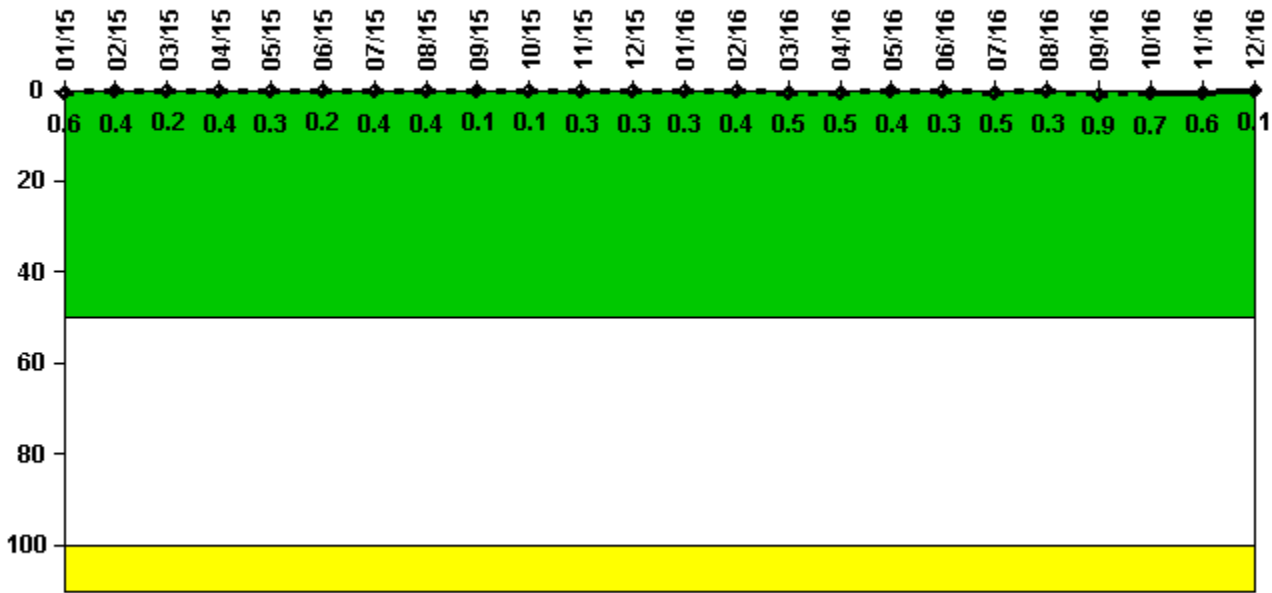
Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000037	0.000039	0.000043	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055	N/A	0.000038	0.000039
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058	0.000050	0.000048	0.000054	0.000052	0.000060	0.000069
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



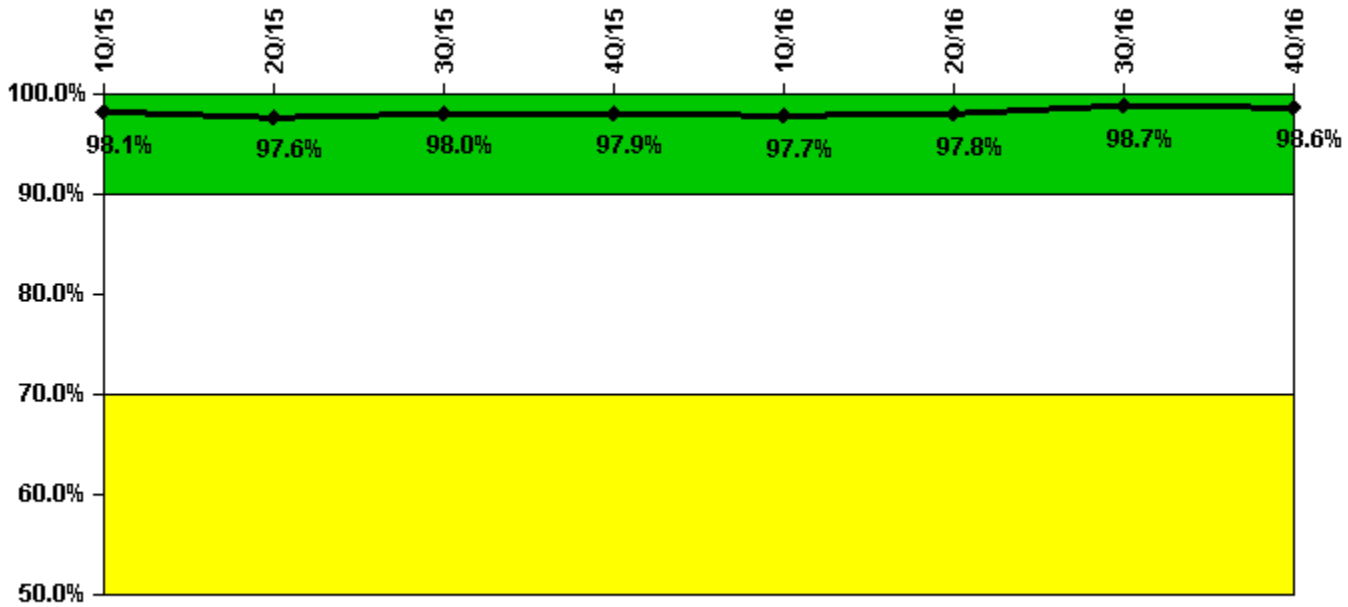
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.058	0.038	0.016	0.036	0.026	0.024	0.035	0.037	0.012	0.011	0.029	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.4	0.2	0.4	0.3	0.2	0.4	0.4	0.1	0.1	0.3	0.3
Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.031	0.040	0.048	0.048	0.035	0.029	0.052	0.025	0.091	0.071	0.063	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.3	0.9	0.7	0.6	0.1

Licensee Comments: none

Drill/Exercise Performance



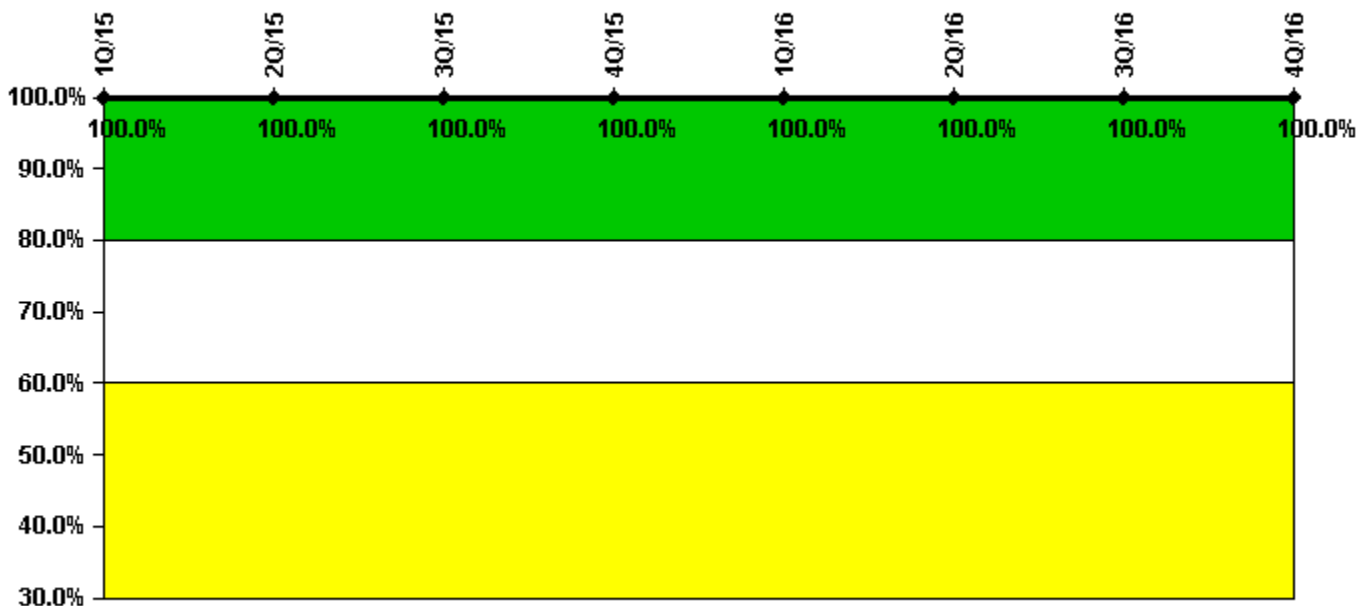
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	22.0	27.0	4.0	36.0	42.0	32.0	25.0	22.0
Total opportunities	23.0	28.0	4.0	36.0	43.0	32.0	25.0	22.0
Indicator value	98.1%	97.6%	98.0%	97.9%	97.7%	97.8%	98.7%	98.6%

Licensee Comments: none

ERO Drill Participation



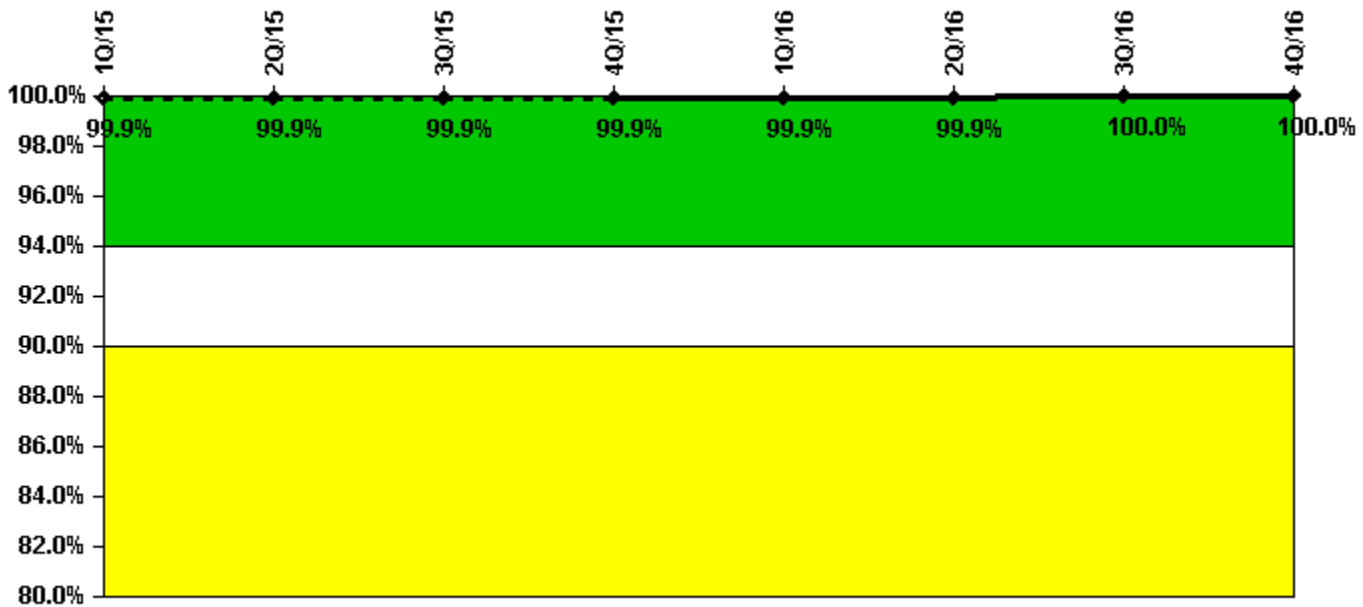
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	93.0	94.0	94.0	87.0	93.0	97.0	97.0	93.0
Total Key personnel	93.0	94.0	94.0	87.0	93.0	97.0	97.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



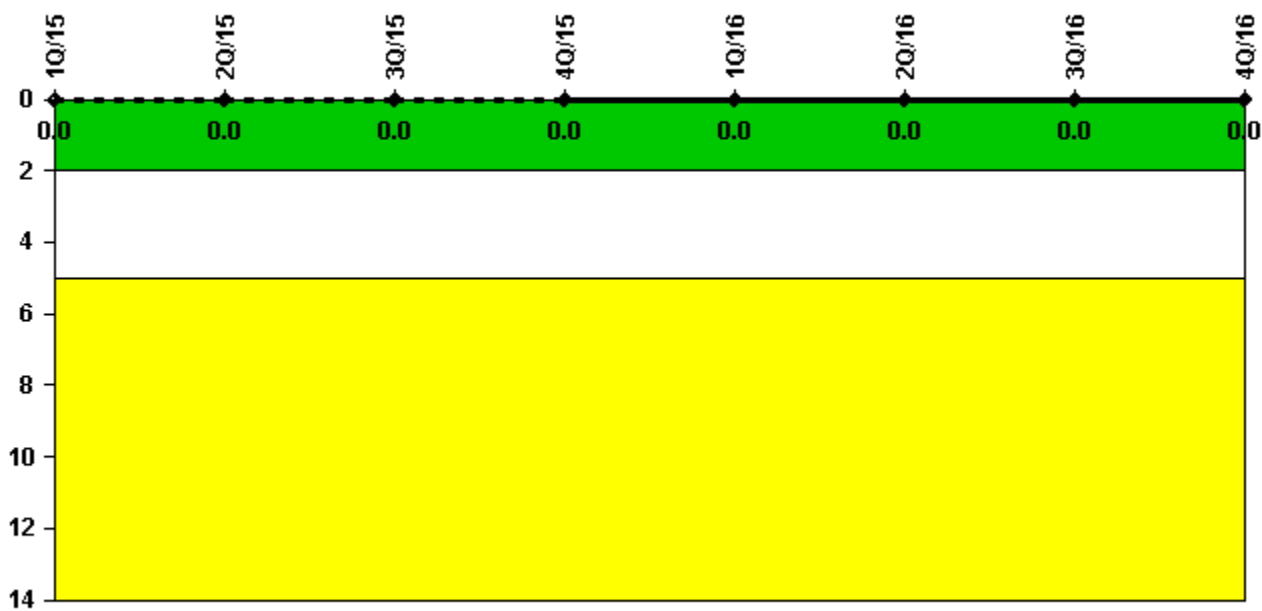
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	725	847	724	847	726	847	725	847
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



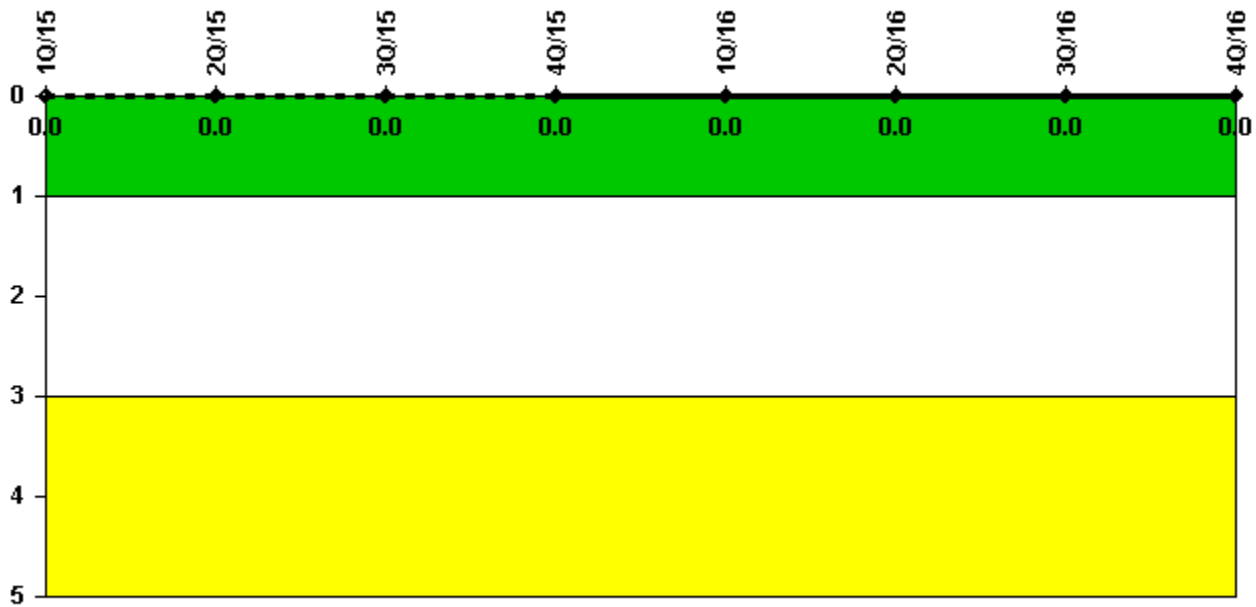
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 24, 2017



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Seabrook 1 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

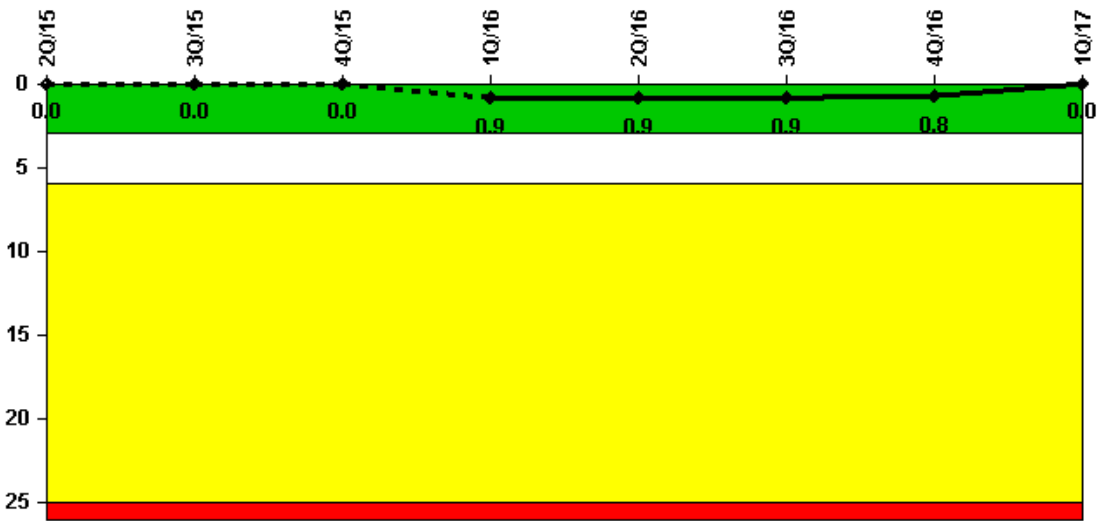
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

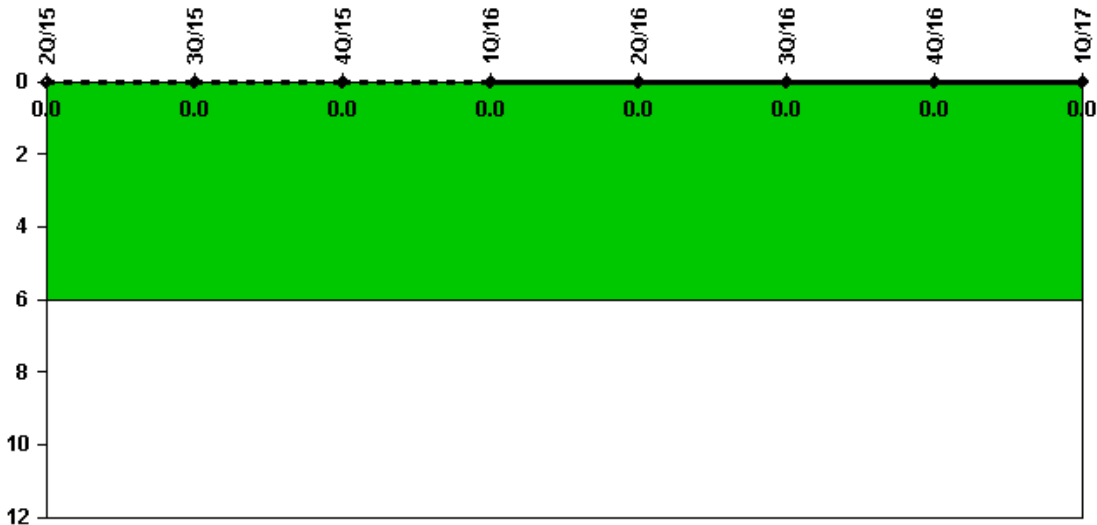
Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0

Indicator value	0	0	0	0.9	0.9	0.9	0.8	0
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TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

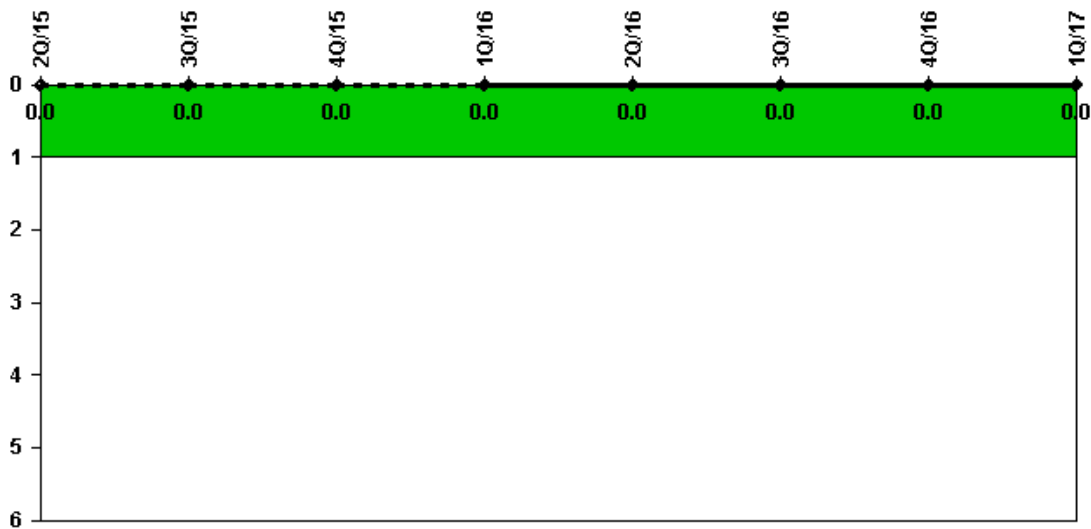
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

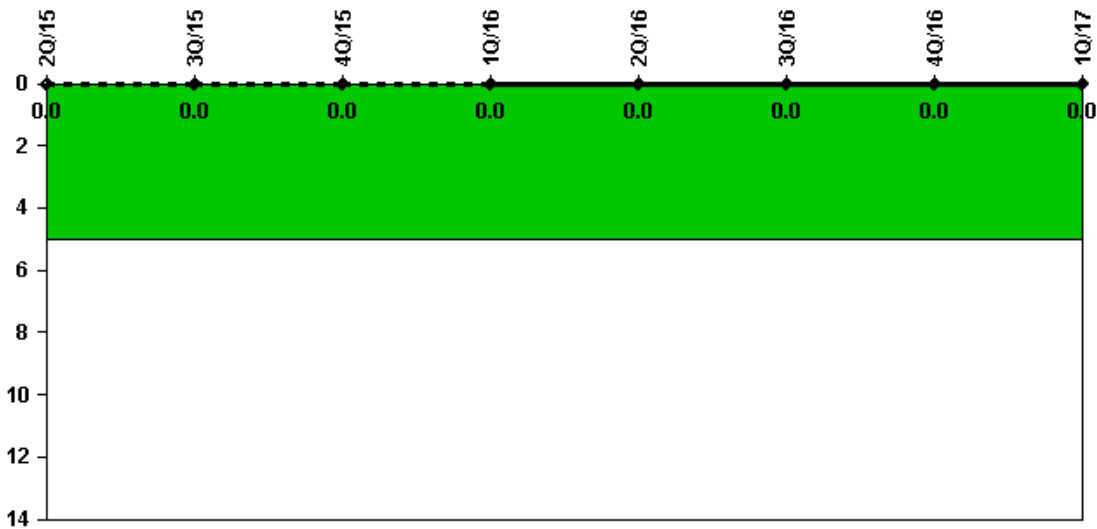
Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

▲ TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

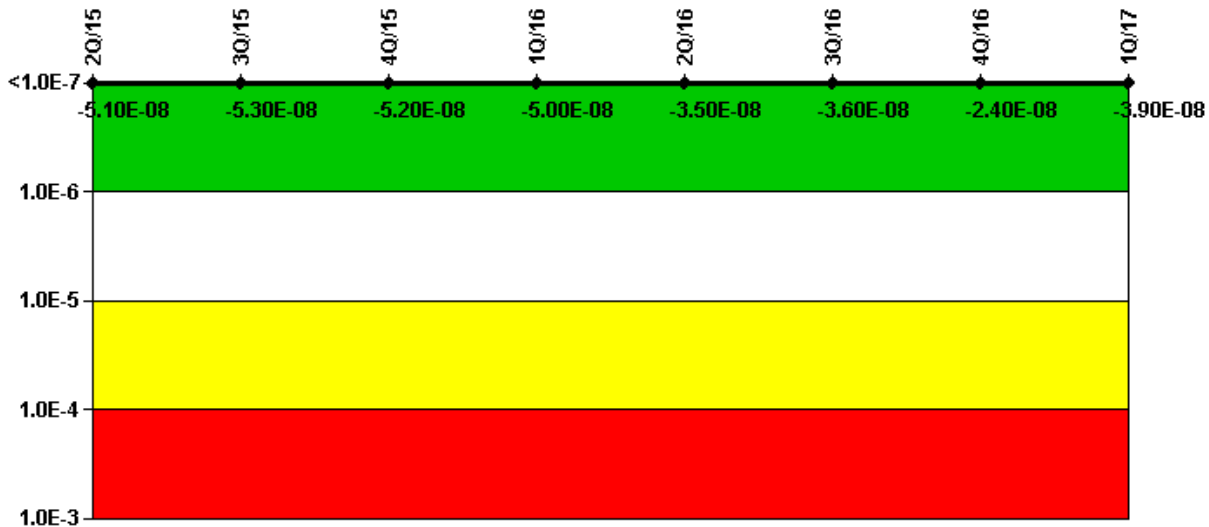
Safety System Functional Failures (PWR) 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17
 Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

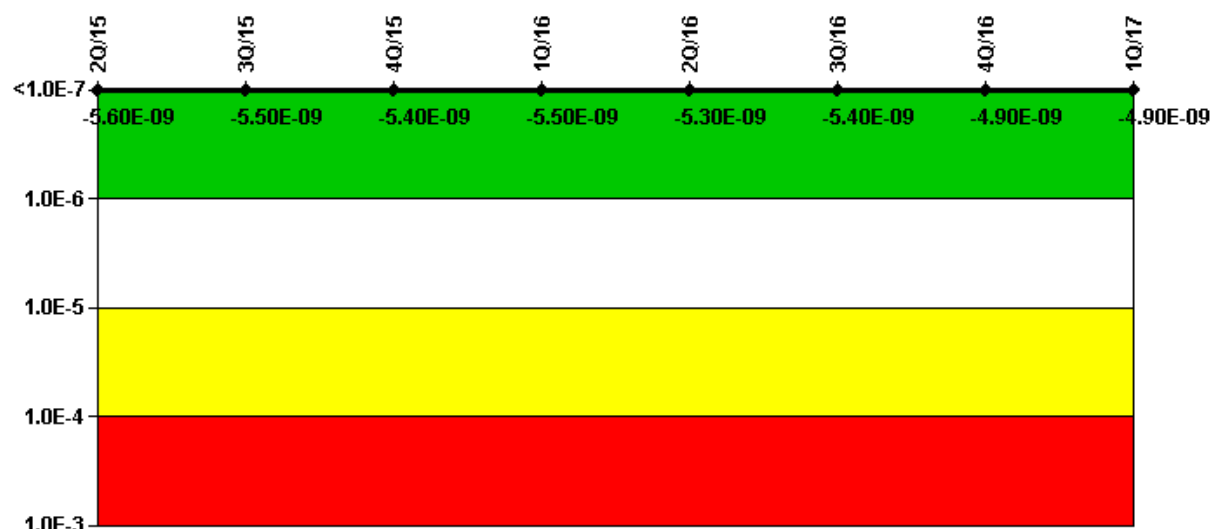
Mitigating Systems Performance Index, Emergency AC Power System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-3.06E-08	-3.06E-08	-3.06E-08	-3.06E-08	-1.46E-08	-1.49E-08	-2.56E-09	-1.70E-08
URI (ΔCDF)	-2.01E-08	-2.24E-08	-2.13E-08	-1.97E-08	-2.07E-08	-2.07E-08	-2.13E-08	-2.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-08	-5.30E-08	-5.20E-08	-5.00E-08	-3.50E-08	-3.60E-08	-2.40E-08	-3.90E-08

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Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

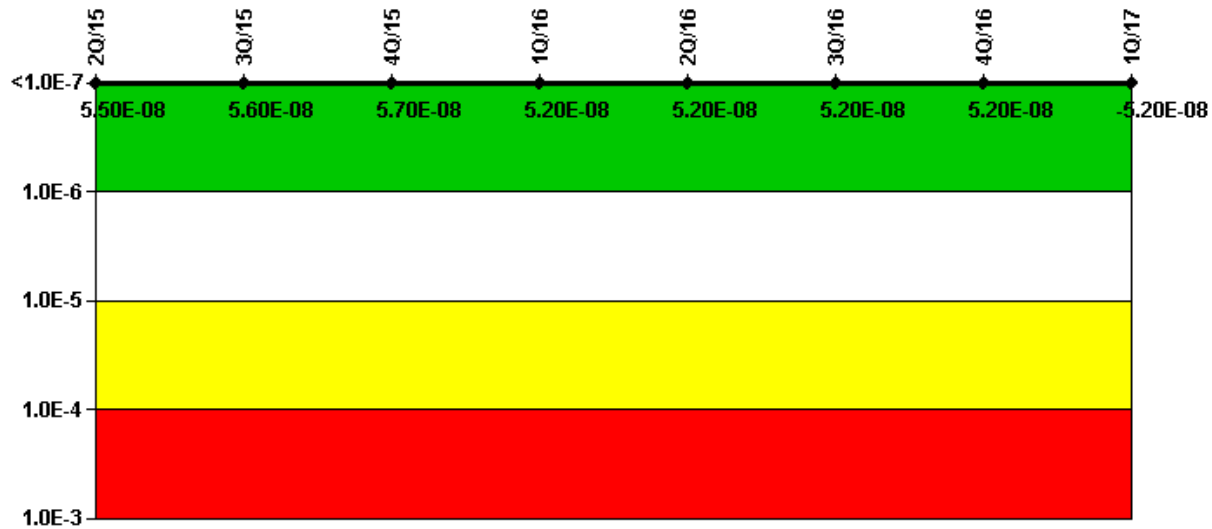
Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-3.11E-09	-3.11E-09	-3.11E-09	-3.11E-09	-2.89E-09	-3.02E-09	-2.56E-09	-2.57E-09
URI (ΔCDF)	-2.50E-09	-2.35E-09	-2.31E-09	-2.35E-09	-2.36E-09	-2.37E-09	-2.36E-09	-2.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-09	-5.50E-09	-5.40E-09	-5.50E-09	-5.30E-09	-5.40E-09	-4.90E-09	-4.90E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

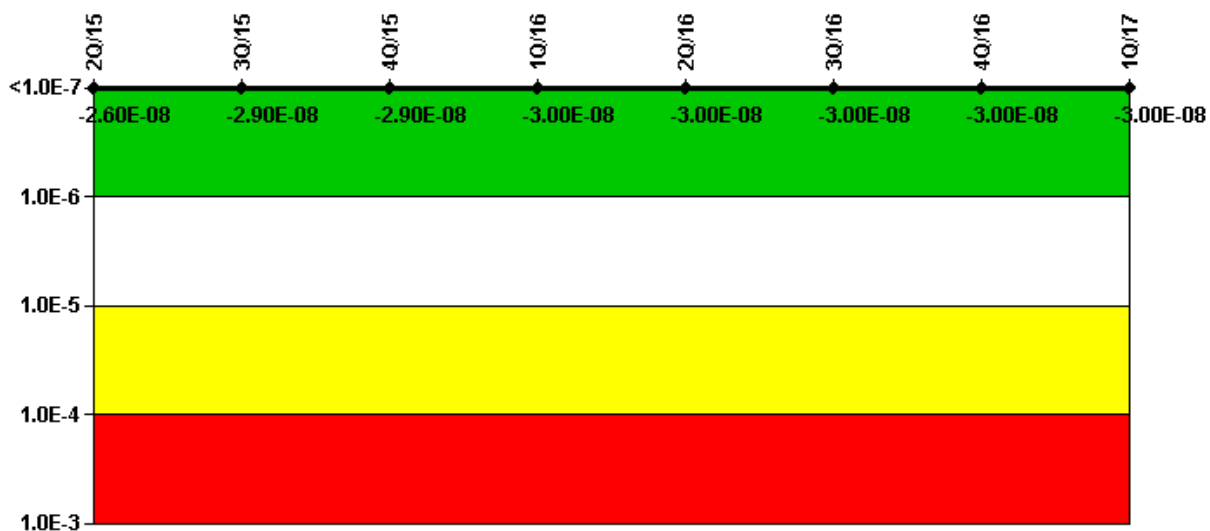
Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (ΔCDF)	7.32E-08	7.46E-08	7.57E-08	7.07E-08	7.07E-08	7.08E-08	7.09E-08	-3.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.50E-08	5.60E-08	5.70E-08	5.20E-08	5.20E-08	5.20E-08	5.20E-08	-5.20E-08

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

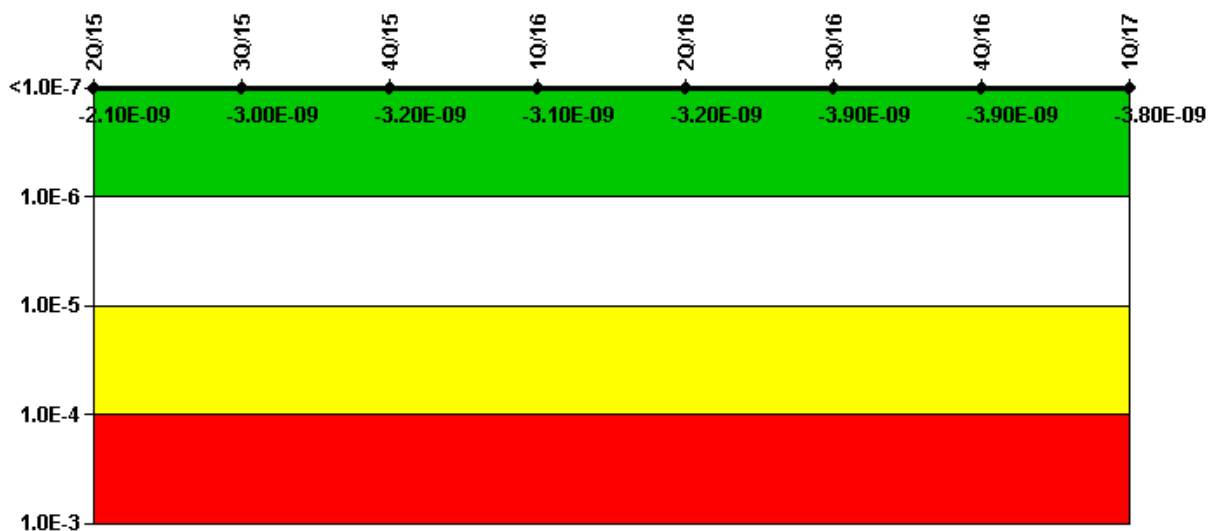
Mitigating Systems Performance Index, Residual Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-3.59E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.21E-08	-2.04E-08	-2.10E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.14E-08	-2.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-2.90E-08	-2.90E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

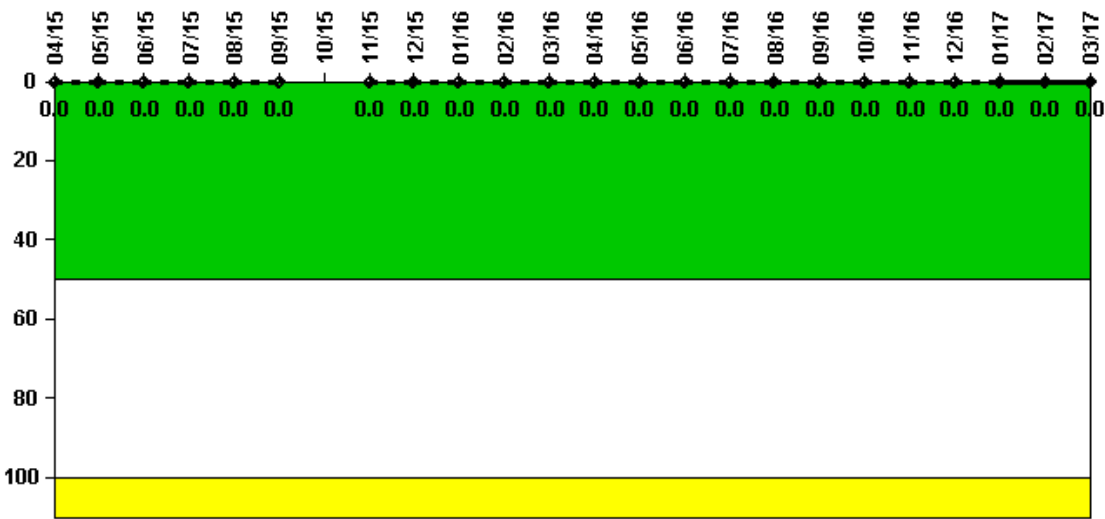
Mitigating Systems Performance Index, Cooling Water Systems

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (ΔCDF)	-2.09E-09	-2.98E-09	-3.18E-09	-3.06E-09	-3.22E-09	-3.94E-09	-3.94E-09	-3.81E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-09	-3.00E-09	-3.20E-09	-3.10E-09	-3.20E-09	-3.90E-09	-3.90E-09	-3.80E-09

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Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

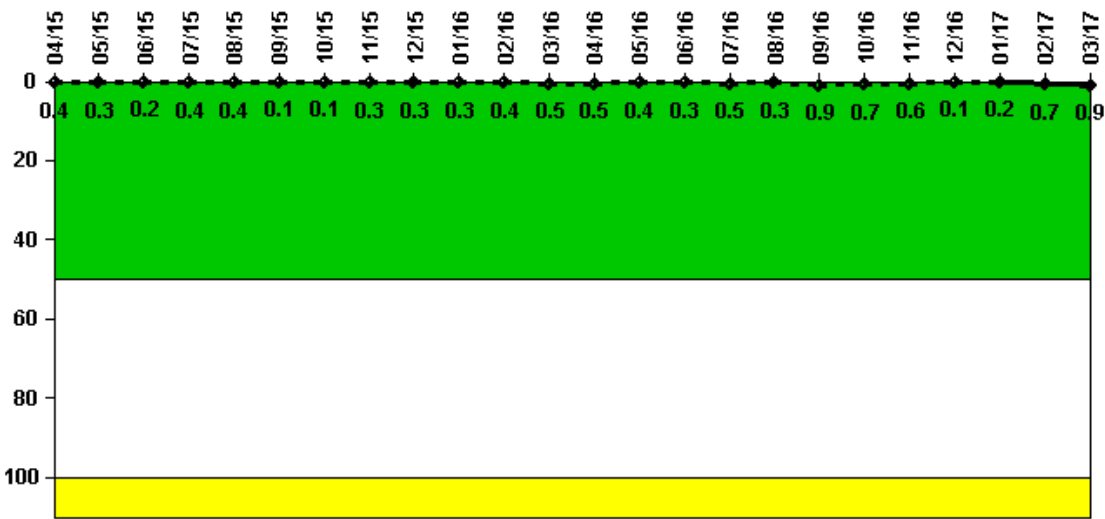
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000041	0.000040	0.000047	0.000062	0.000060	0.000055	N/A	0.000038	0.000039	0.000035	0.000069	0.000078
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0
Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000045	0.000044	0.000058	0.000050	0.000048	0.000054	0.000052	0.000060	0.000069	0.000068	0.000065	0.000070
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.036	0.026	0.024	0.035	0.037	0.012	0.011	0.029	0.027	0.031	0.040	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

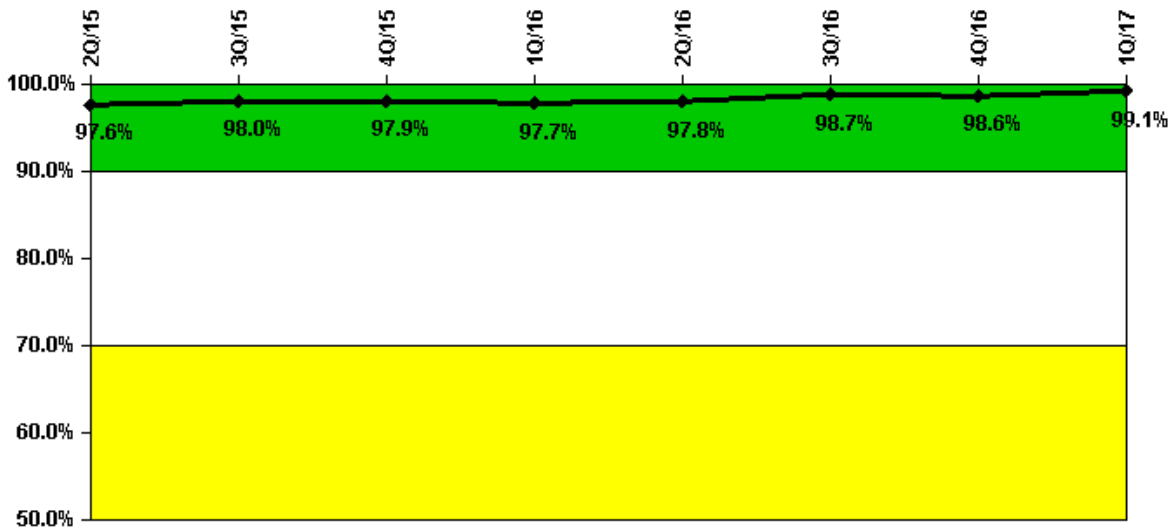
Indicator value	0.4	0.3	0.2	0.4	0.4	0.1	0.1	0.3	0.3	0.3	0.4	0.5
Reactor Coolant System Leakage	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum leakage	0.048	0.035	0.029	0.052	0.025	0.091	0.071	0.063	0.014	0.015	0.071	0.087
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.5	0.4	0.3	0.5	0.3	0.9	0.7	0.6	0.1	0.2	0.7	0.9
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

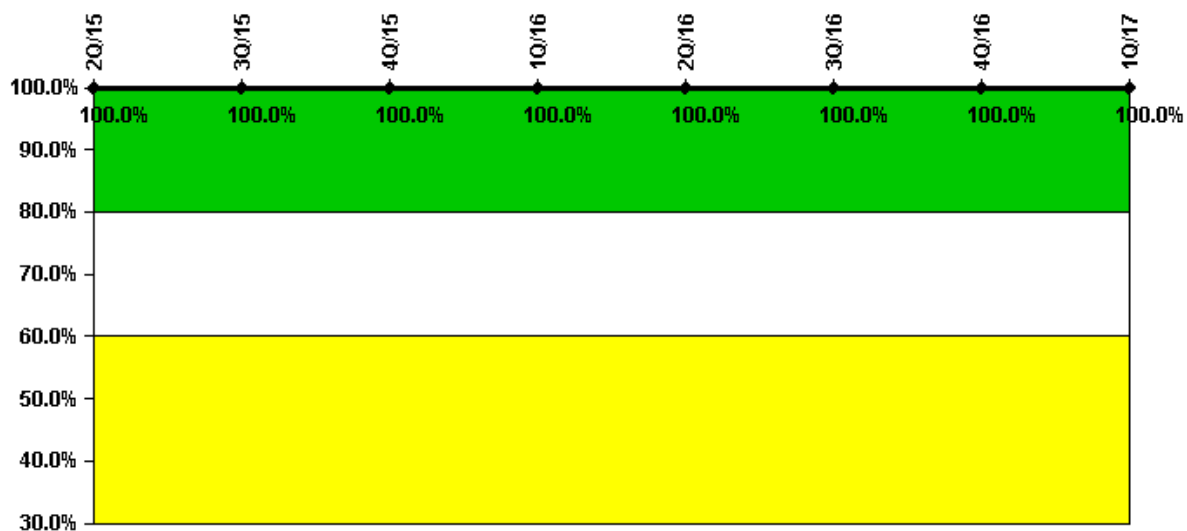
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	27.0	4.0	36.0	42.0	32.0	25.0	22.0	21.0
Total opportunities	28.0	4.0	36.0	43.0	32.0	25.0	22.0	21.0

Indicator value 97.6% 98.0% 97.9% 97.7% 97.8% 98.7% 98.6% 99.1%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

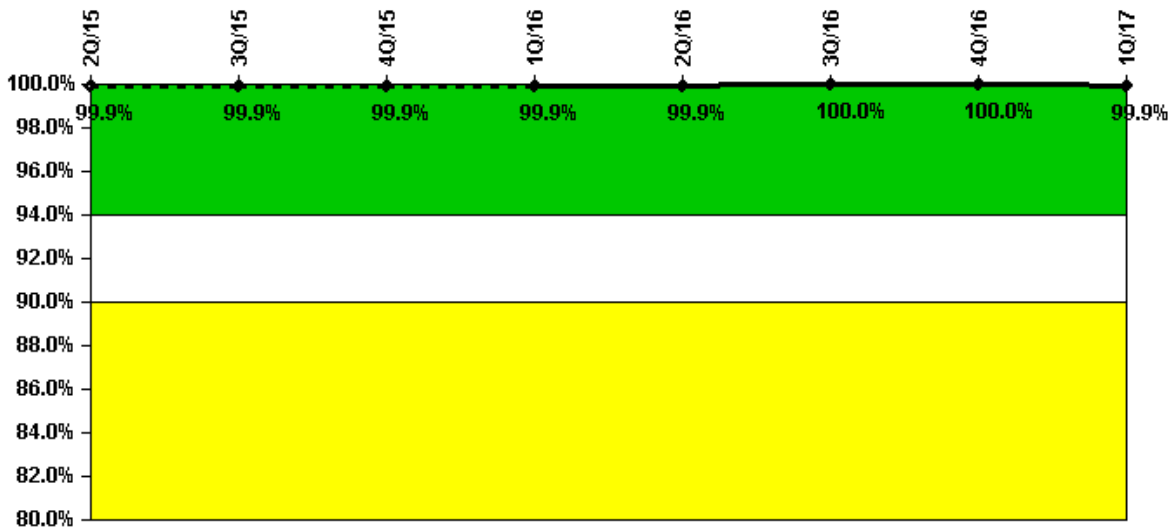
ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	94.0	94.0	87.0	93.0	97.0	97.0	93.0	93.0
Total Key personnel	94.0	94.0	87.0	93.0	97.0	97.0	93.0	93.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

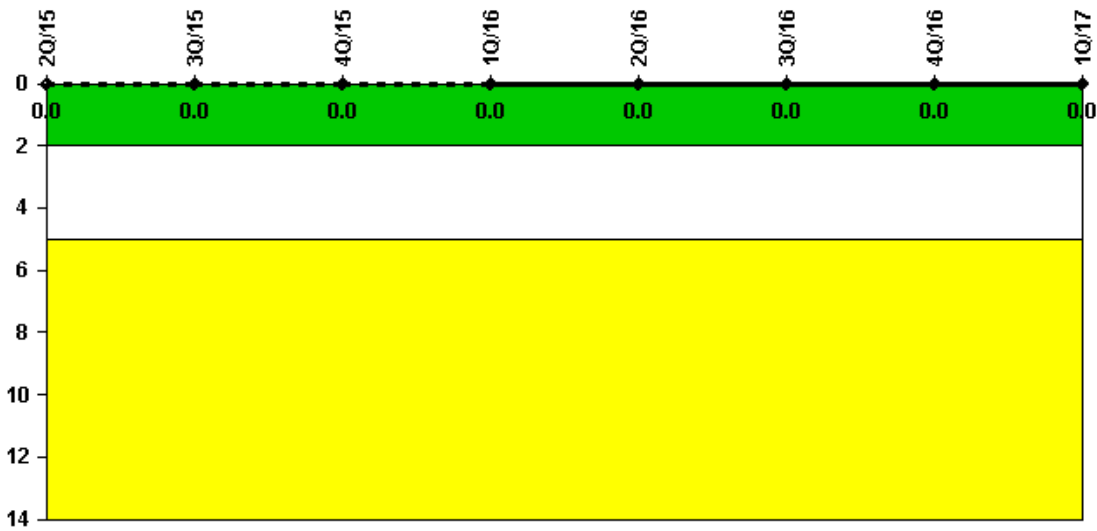
Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	847	724	847	726	847	725	847	725
Total sirens-tests	847	726	847	726	847	726	847	726

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 100.0% 100.0% 99.9%

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

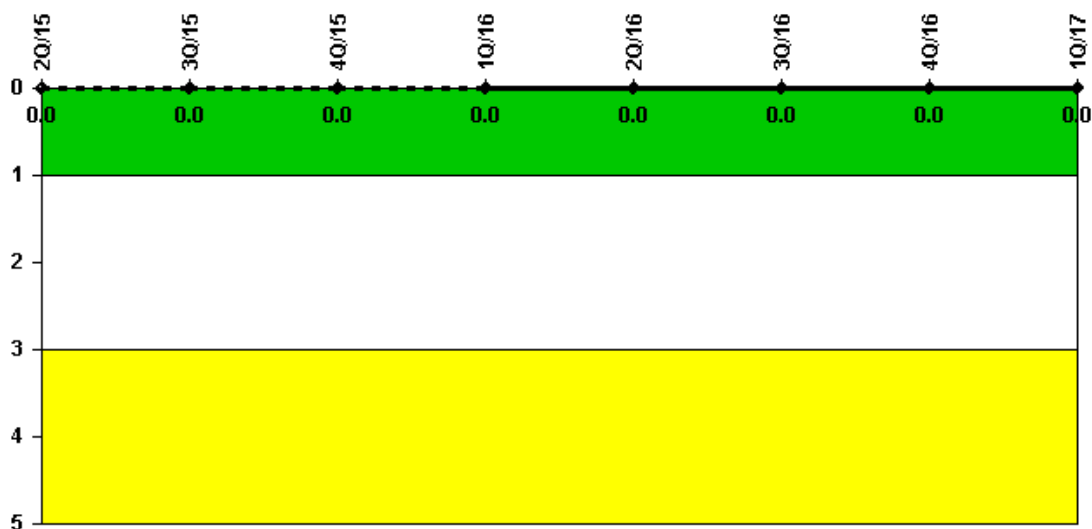
Occupational Exposure Control Effectiveness 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

[TOP](#)

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#)> [Seabrook 1](#) > [Quarterly Performance Indicators](#)

Seabrook 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

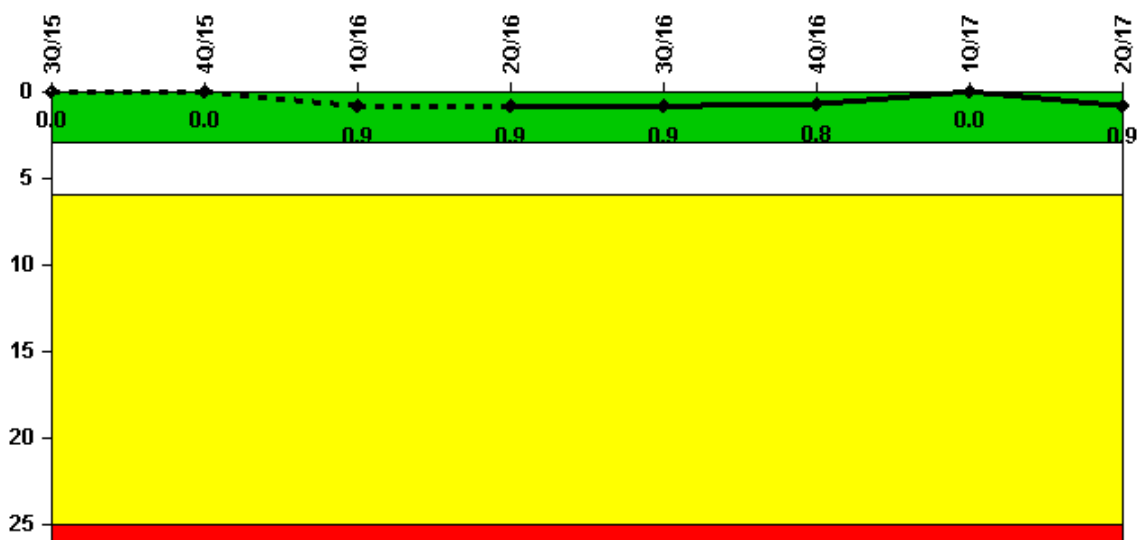
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
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- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/OCDM Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

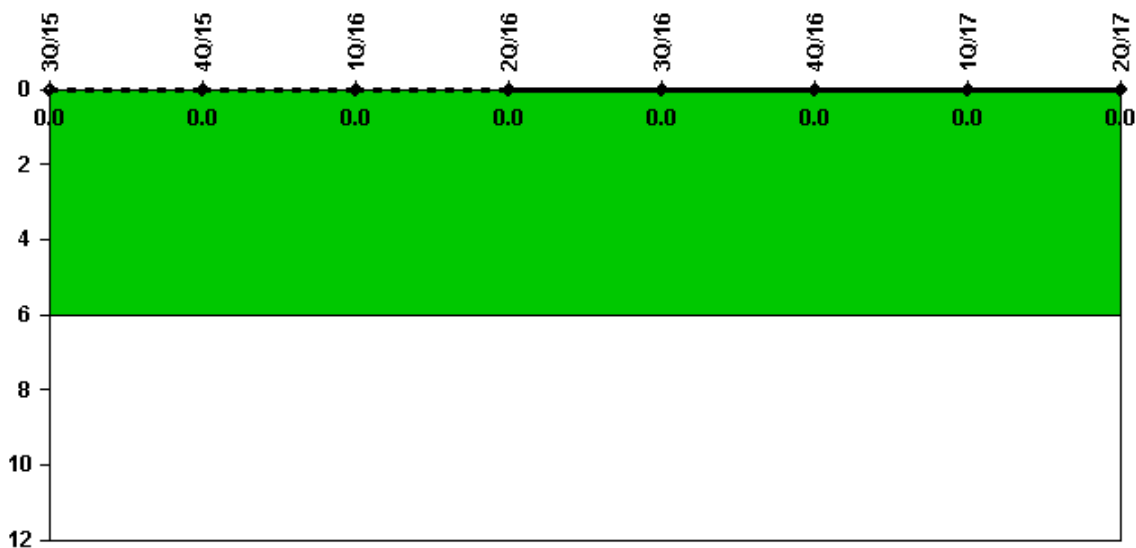
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	1.0	0	0	0	0	1.0
Critical hours	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6
Indicator value	0	0	0.9	0.9	0.9	0.8	0	0.9

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Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

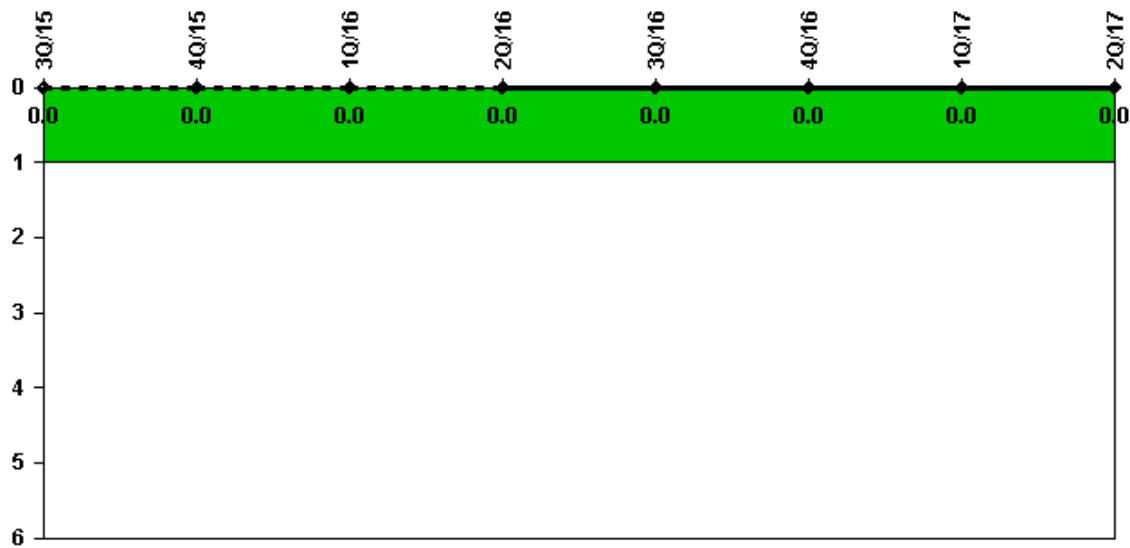
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6
Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

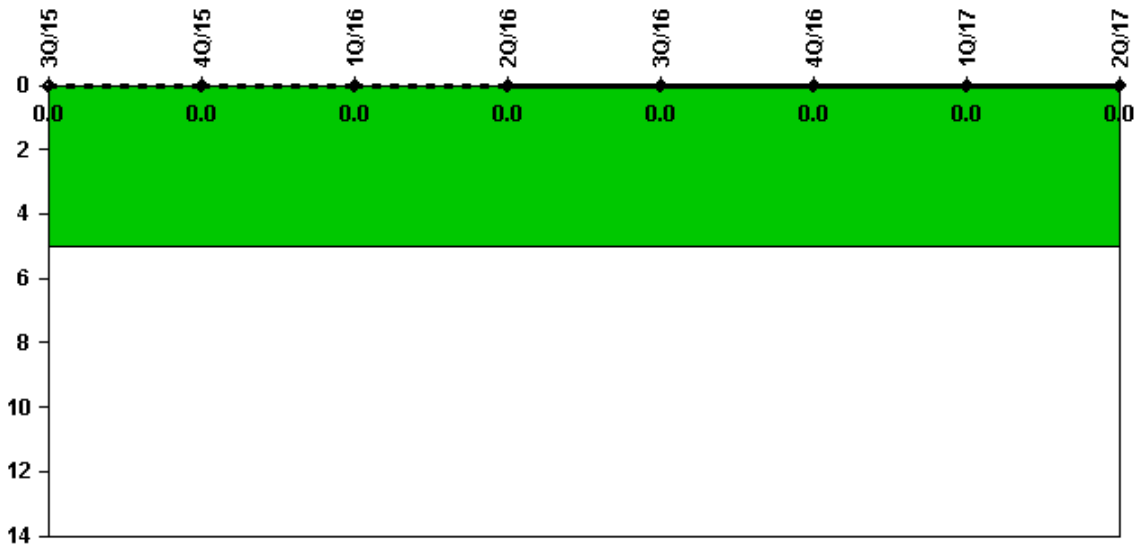
Scrams with complications 0 0 0 0 0 0 0 0

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

▲ TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

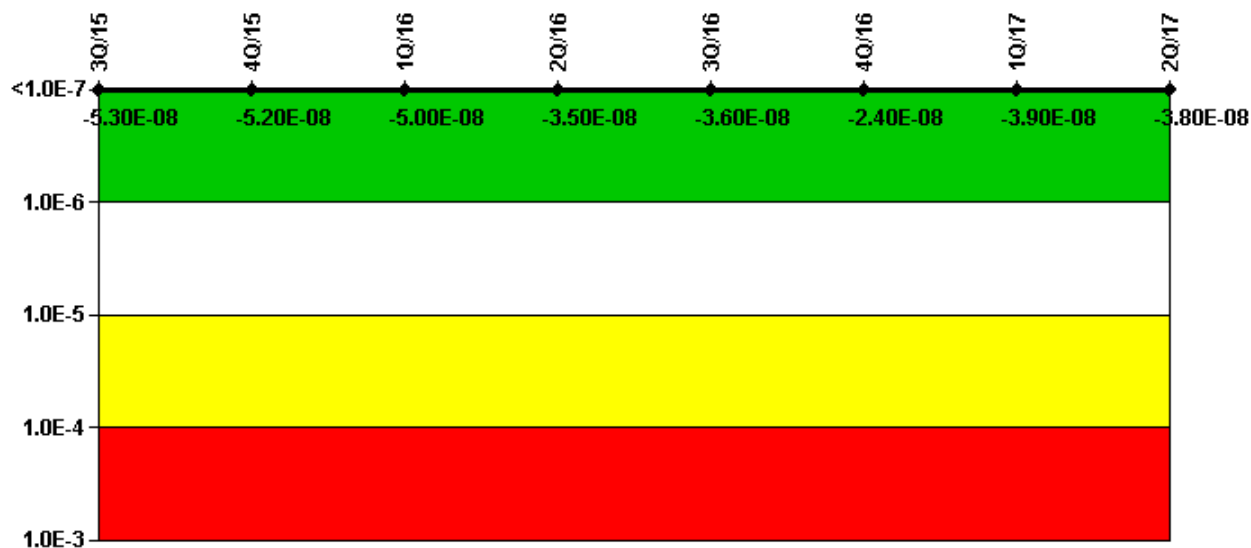
Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

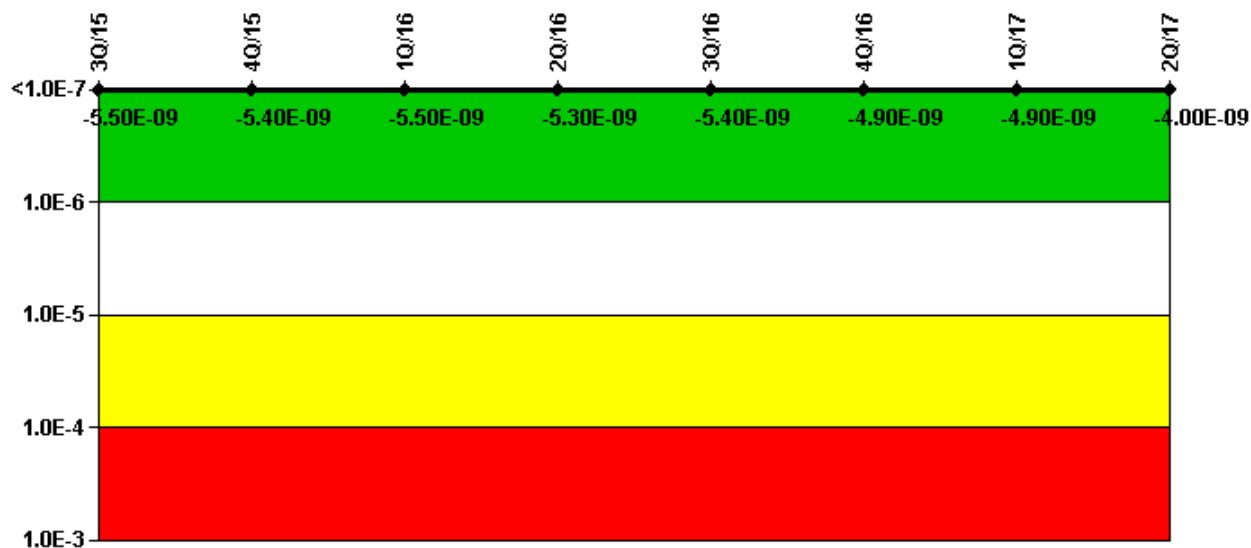
Mitigating Systems Performance Index, Emergency AC Power System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-3.06E-08	-3.06E-08	-3.06E-08	-1.46E-08	-1.49E-08	-2.56E-09	-1.70E-08	-1.61E-08
URI (ΔCDF)	-2.24E-08	-2.13E-08	-1.97E-08	-2.07E-08	-2.07E-08	-2.13E-08	-2.24E-08	-2.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-08	-5.20E-08	-5.00E-08	-3.50E-08	-3.60E-08	-2.40E-08	-3.90E-08	-3.80E-08

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

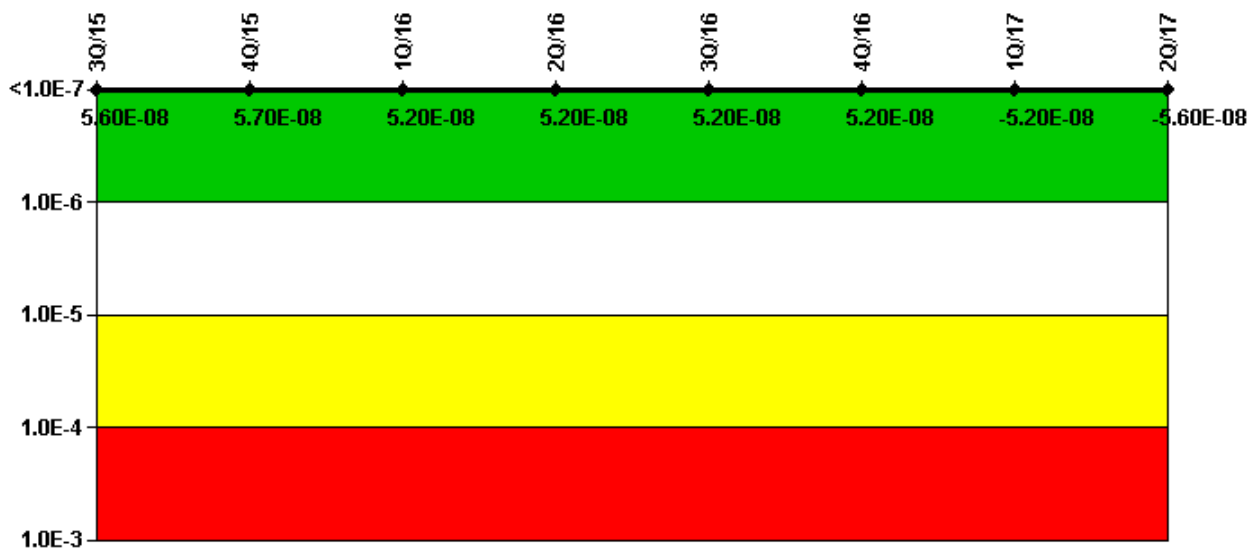
Mitigating Systems Performance Index, High Pressure Injection System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-3.11E-09	-3.11E-09	-3.11E-09	-2.89E-09	-3.02E-09	-2.56E-09	-2.57E-09	-1.72E-09
URI (Δ CDF)	-2.35E-09	-2.31E-09	-2.35E-09	-2.36E-09	-2.37E-09	-2.36E-09	-2.36E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-09	-5.40E-09	-5.50E-09	-5.30E-09	-5.40E-09	-4.90E-09	-4.90E-09	-4.00E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

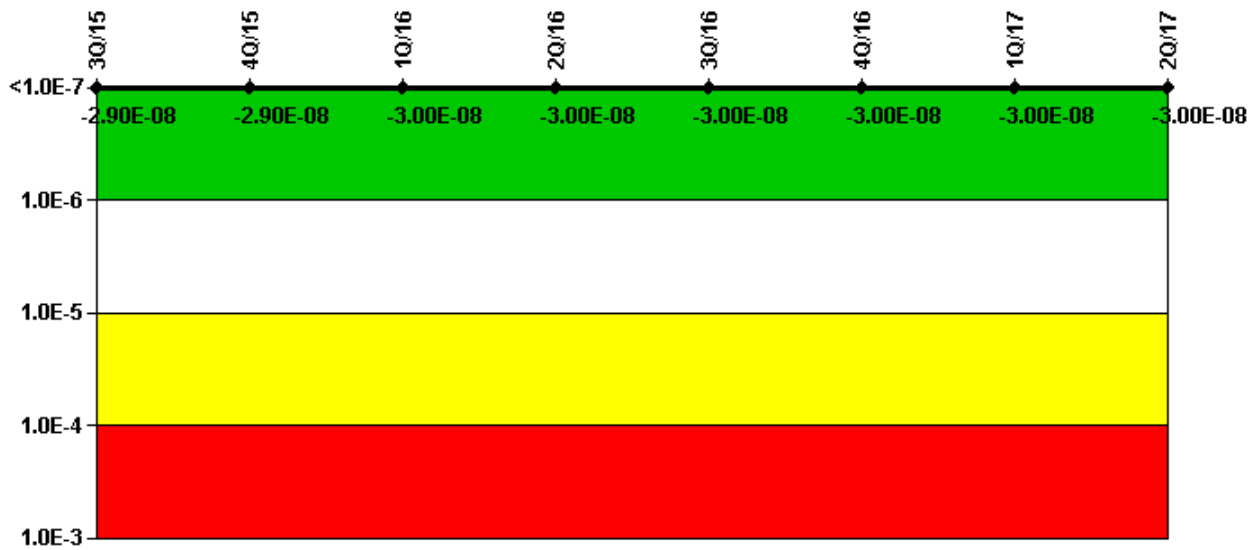
Mitigating Systems Performance Index, Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.46E-08	7.57E-08	7.07E-08	7.07E-08	7.08E-08	7.09E-08	-3.31E-08	-3.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.60E-08	5.70E-08	5.20E-08	5.20E-08	5.20E-08	5.20E-08	-5.20E-08	-5.60E-08

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.04E-08	-2.10E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.14E-08	-2.11E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-08	-2.90E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

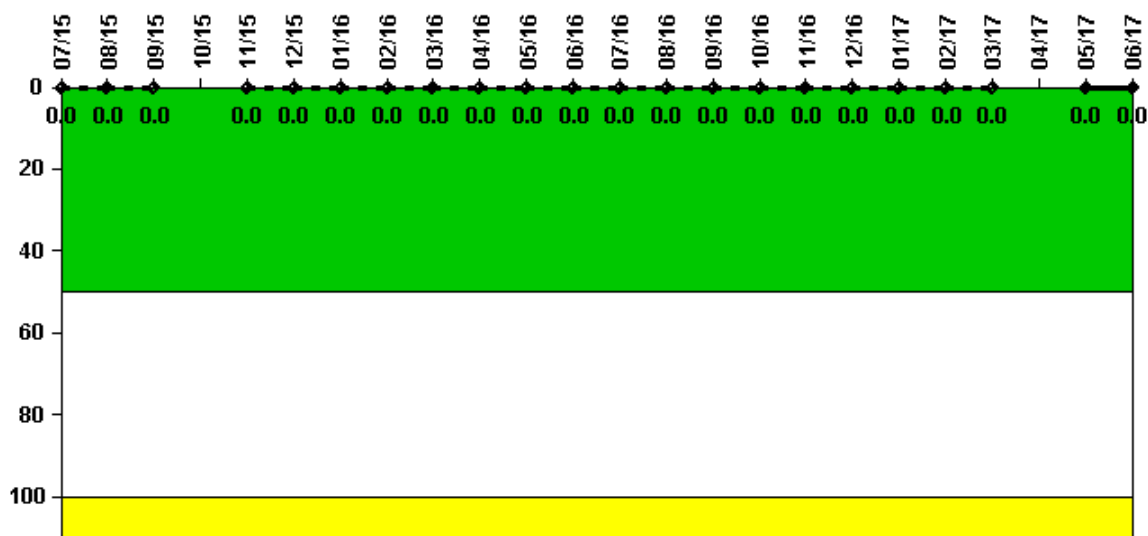
Mitigating Systems Performance Index, Cooling Water Systems

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-2.98E-09	-3.18E-09	-3.06E-09	-3.22E-09	-3.94E-09	-3.94E-09	-3.81E-09	1.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-09	-3.20E-09	-3.10E-09	-3.20E-09	-3.90E-09	-3.90E-09	-3.80E-09	1.60E-08

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Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

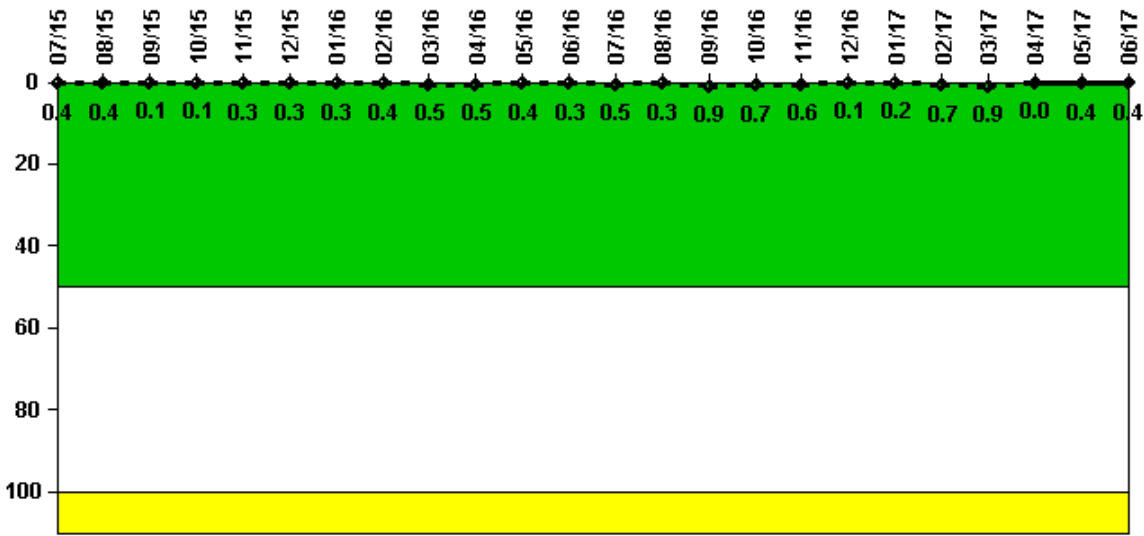
Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000062	0.000060	0.000055	N/A	0.000038	0.000039	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000050	0.000048	0.000054	0.000052	0.000060	0.000069	0.000068	0.000065	0.000070	N/A	0.000061	0.000034
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	N/A	0

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Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.035	0.037	0.012	0.011	0.029	0.027	0.031	0.040	0.048	0.048	0.035	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

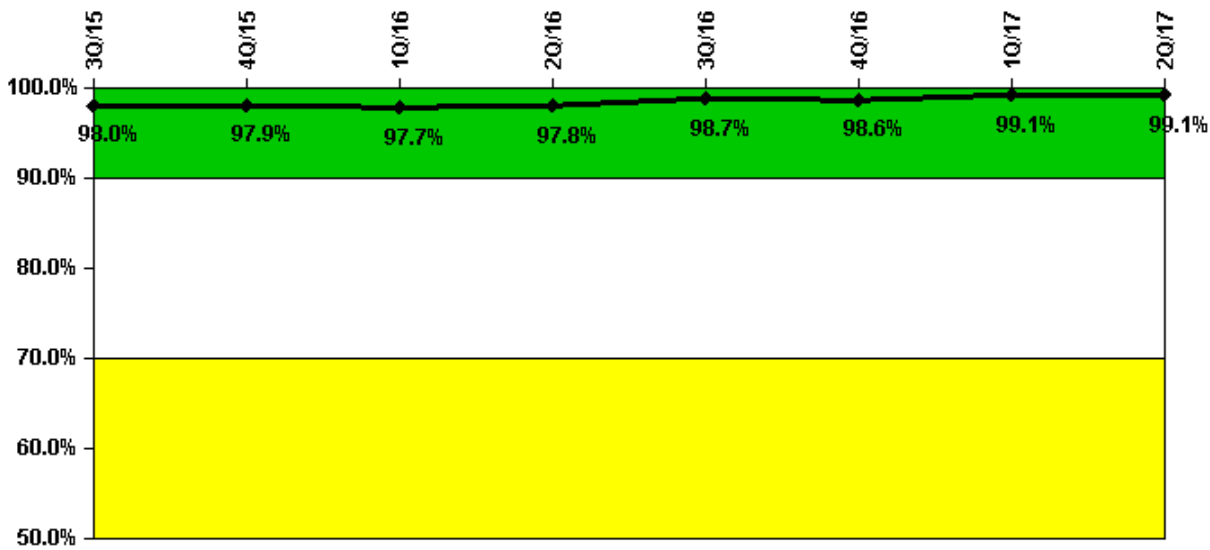
Indicator value	0.4	0.4	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.3
Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	0.052	0.025	0.091	0.071	0.063	0.014	0.015	0.071	0.087	0	0.041	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.5	0.3	0.9	0.7	0.6	0.1	0.2	0.7	0.9	0	0.4	0.4
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	4.0	36.0	42.0	32.0	27.0	23.0	21.0	40.0
Total opportunities	4.0	36.0	43.0	32.0	27.0	23.0	21.0	41.0

Indicator value **98.0% 97.9% 97.7% 97.8% 98.7% 98.6% 99.1% 99.1%**

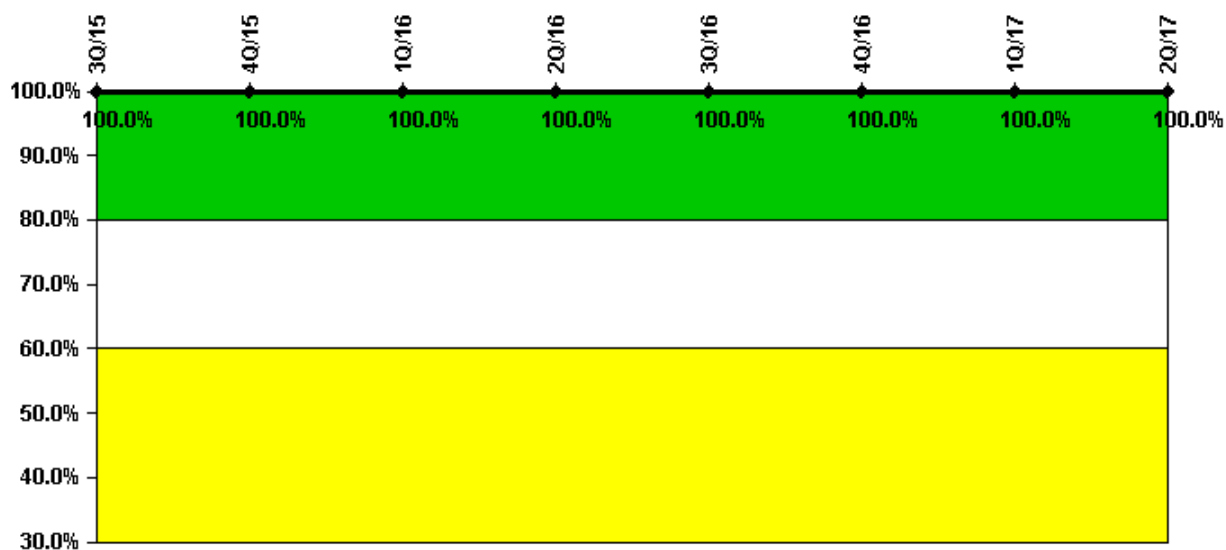
▲ TOP

Licensee Comments:

4Q/16: October 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator.

3Q/16: September 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

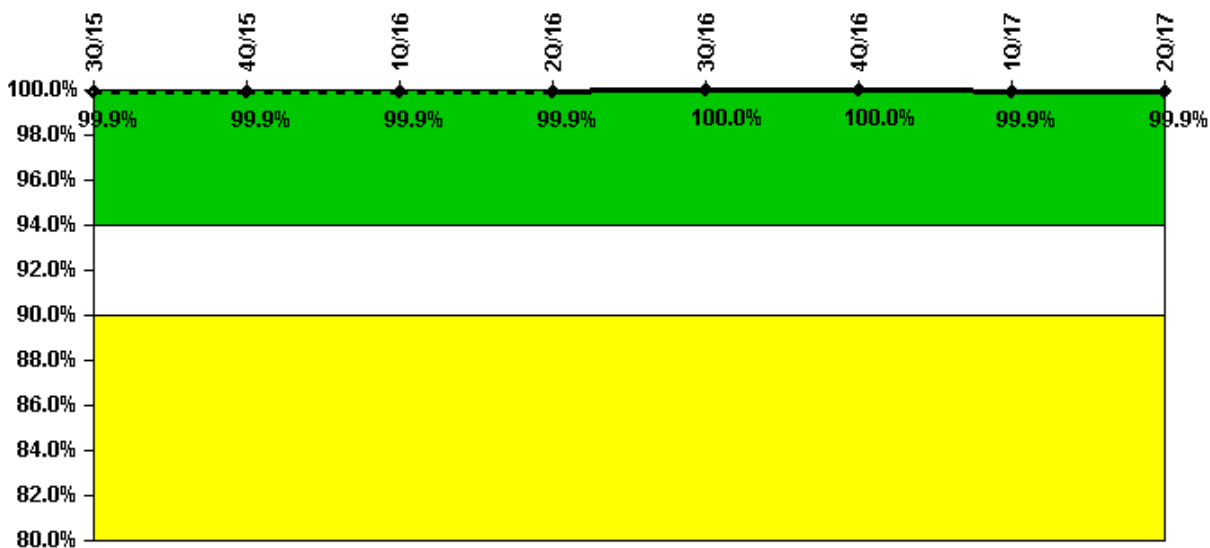
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	94.0	87.0	93.0	97.0	97.0	93.0	93.0	94.0
Total Key personnel	94.0	87.0	93.0	97.0	97.0	93.0	93.0	94.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

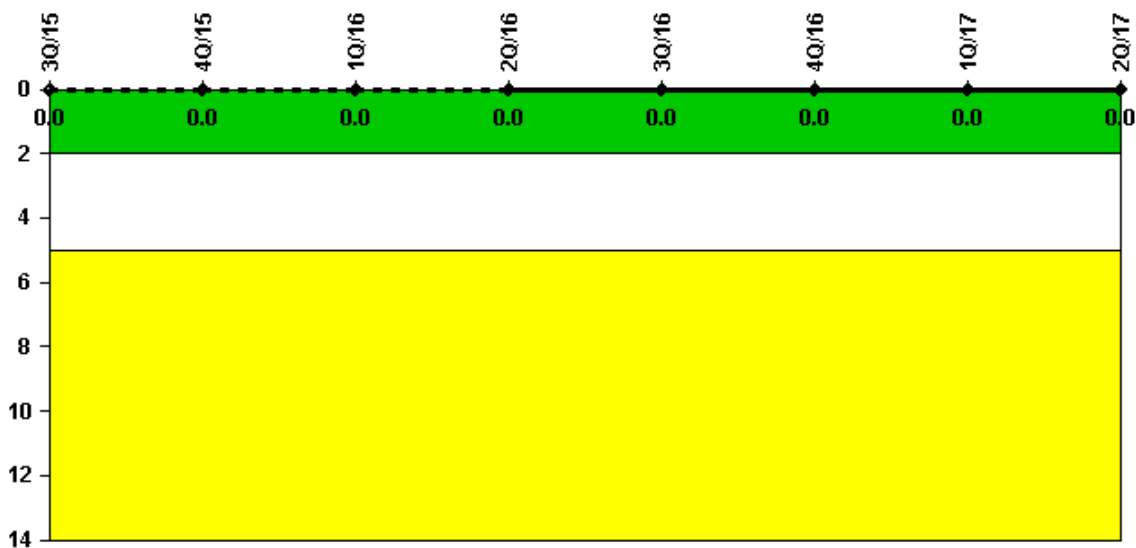
Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	724	847	726	847	725	847	725	847
Total sirens-tests	726	847	726	847	726	847	726	847

Indicator value **99.9% 99.9% 99.9% 99.9% 100.0% 100.0% 99.9% 99.9%**

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Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

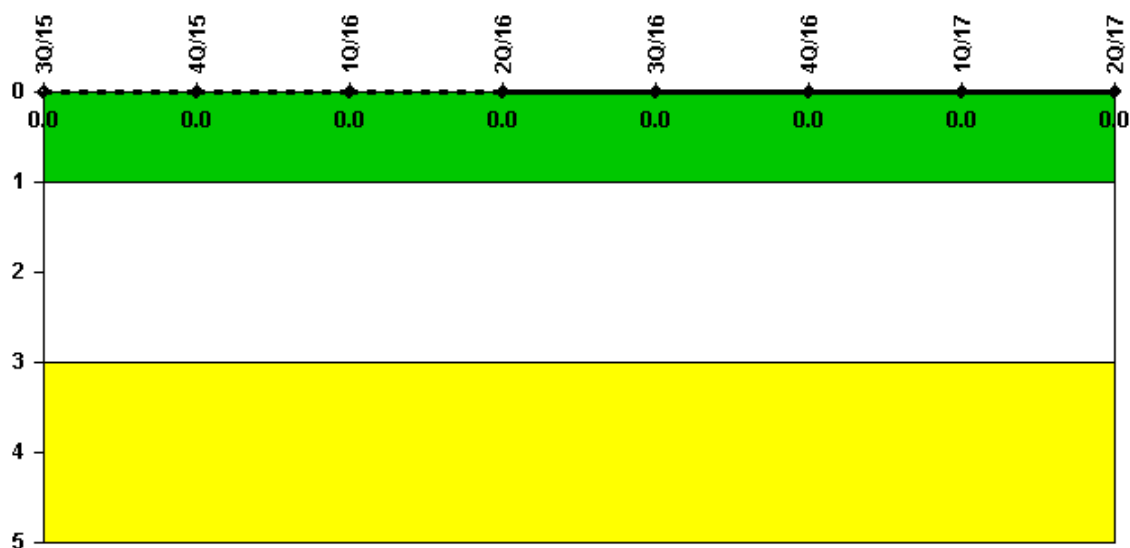
Occupational Exposure Control Effectiveness 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Seabrook 1 > Quarterly Performance Indicators

Seabrook 1 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

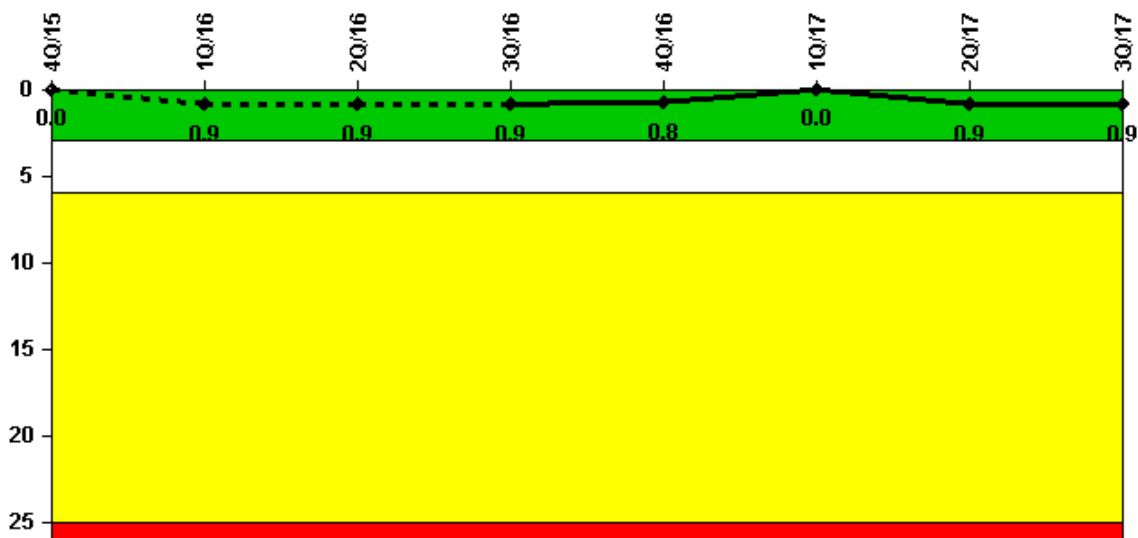
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

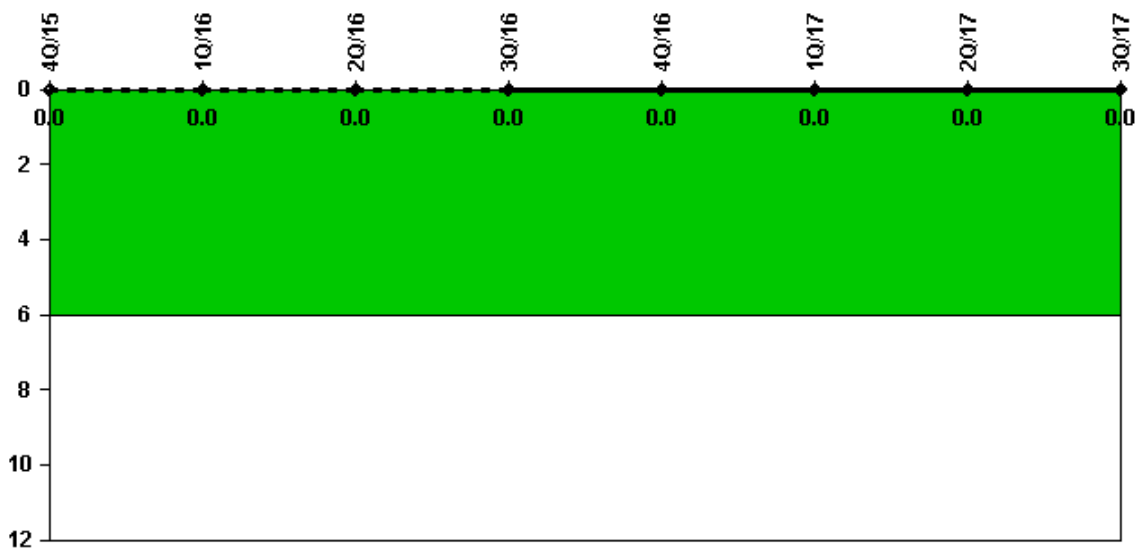
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	1.0	0	0	0	0	1.0	0
Critical hours	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6	2208.0
Indicator value	0	0.9	0.9	0.9	0.8	0	0.9	0.9

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Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

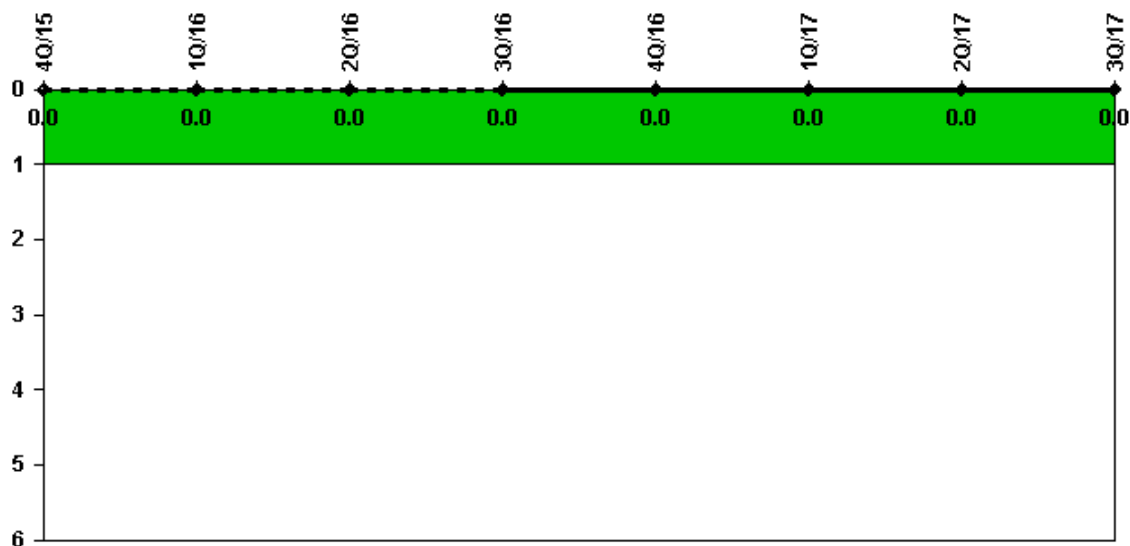
Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1180.1	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6	2208.0

Indicator value	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
	0	0	0	0	0	0	0	0

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Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

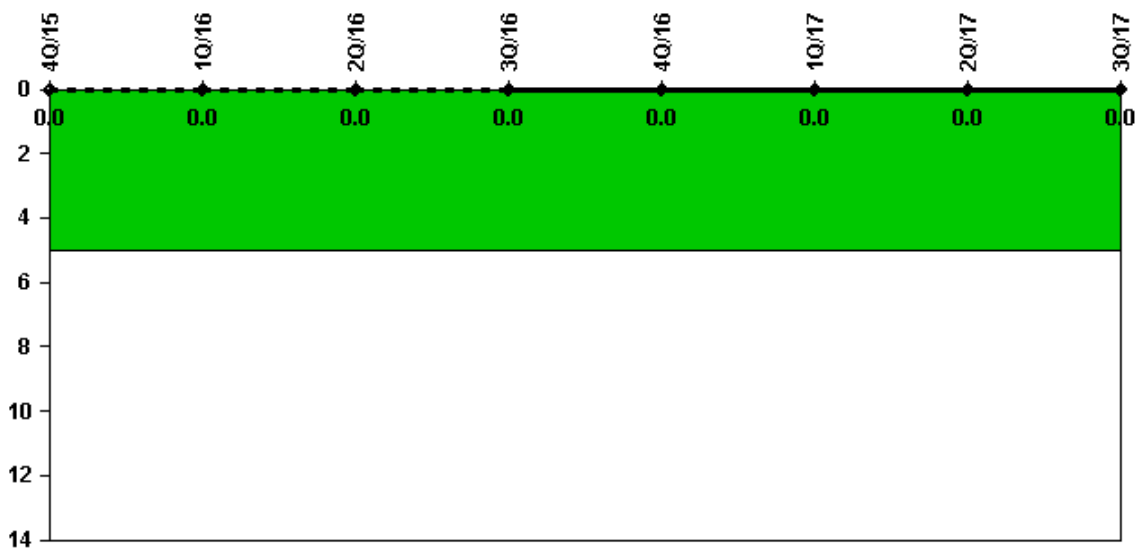
Scrams with complications 0 0 0 0 0 0 0 0

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

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Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

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Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

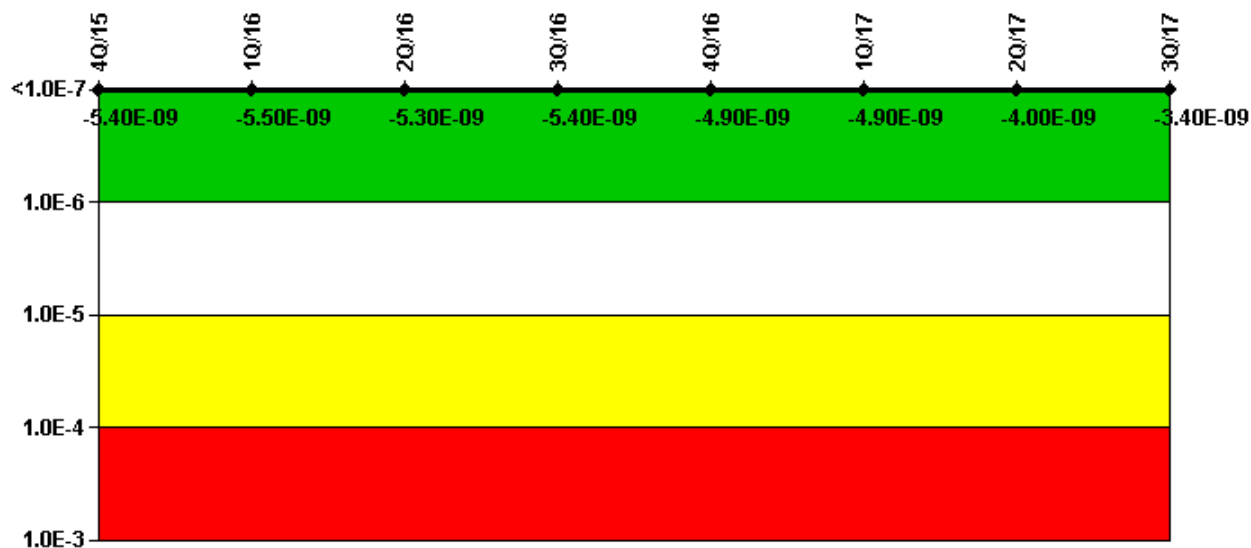
Mitigating Systems Performance Index, Emergency AC Power System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-3.06E-08	-3.06E-08	-1.46E-08	-1.49E-08	-2.56E-09	-1.70E-08	-1.61E-08	-1.73E-08
URI (ΔCDF)	-2.13E-08	-1.97E-08	-2.07E-08	-2.07E-08	-2.13E-08	-2.24E-08	-2.18E-08	-2.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-5.00E-08	-3.50E-08	-3.60E-08	-2.40E-08	-3.90E-08	-3.80E-08	-3.90E-08

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Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

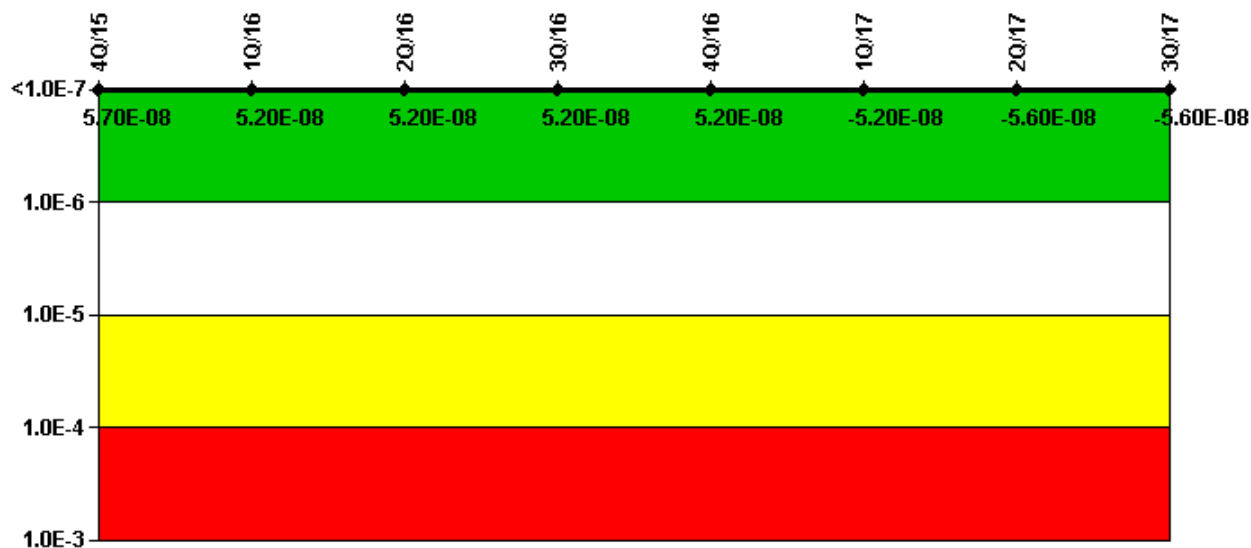
Mitigating Systems Performance Index, High Pressure Injection System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-3.11E-09	-3.11E-09	-2.89E-09	-3.02E-09	-2.56E-09	-2.57E-09	-1.72E-09	-1.17E-09
URI (Δ CDF)	-2.31E-09	-2.35E-09	-2.36E-09	-2.37E-09	-2.36E-09	-2.36E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-09	-5.50E-09	-5.30E-09	-5.40E-09	-4.90E-09	-4.90E-09	-4.00E-09	-3.40E-09

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Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

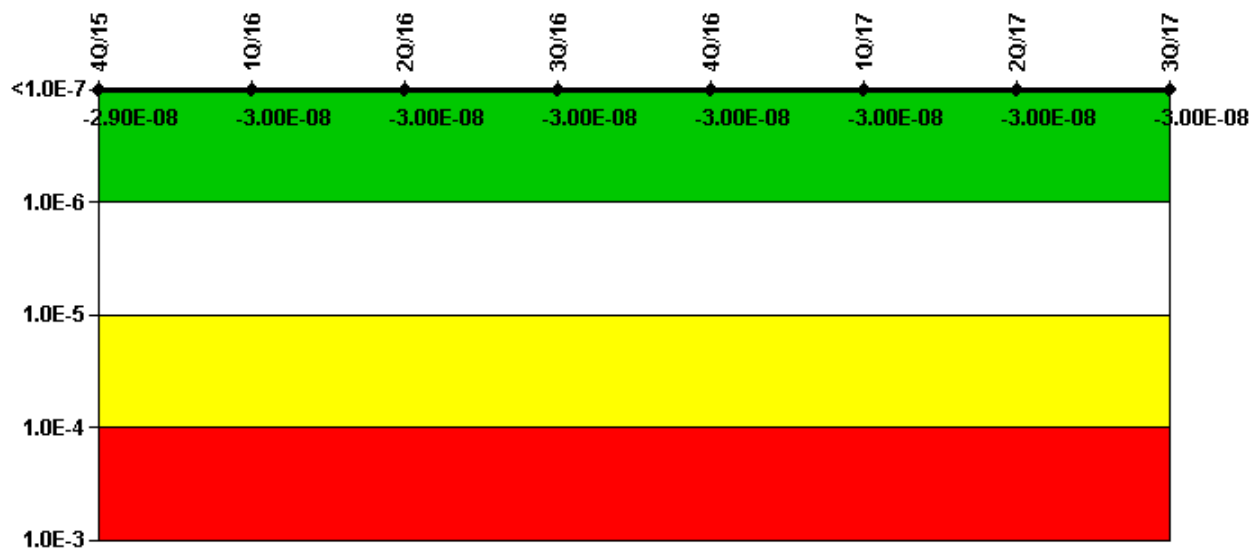
Mitigating Systems Performance Index, Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.57E-08	7.07E-08	7.07E-08	7.08E-08	7.09E-08	-3.31E-08	-3.73E-08	-3.72E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-08	5.20E-08	5.20E-08	5.20E-08	5.20E-08	-5.20E-08	-5.60E-08	-5.60E-08

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Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

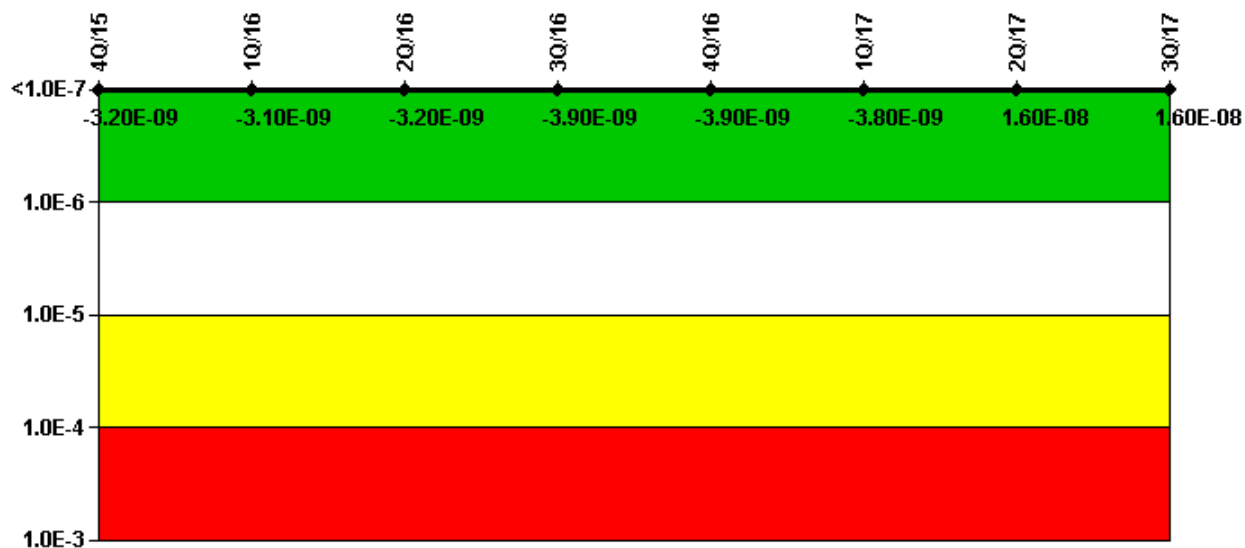
Mitigating Systems Performance Index, Residual Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (Δ CDF)	-2.10E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.14E-08	-2.11E-08	-2.13E-08	-2.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

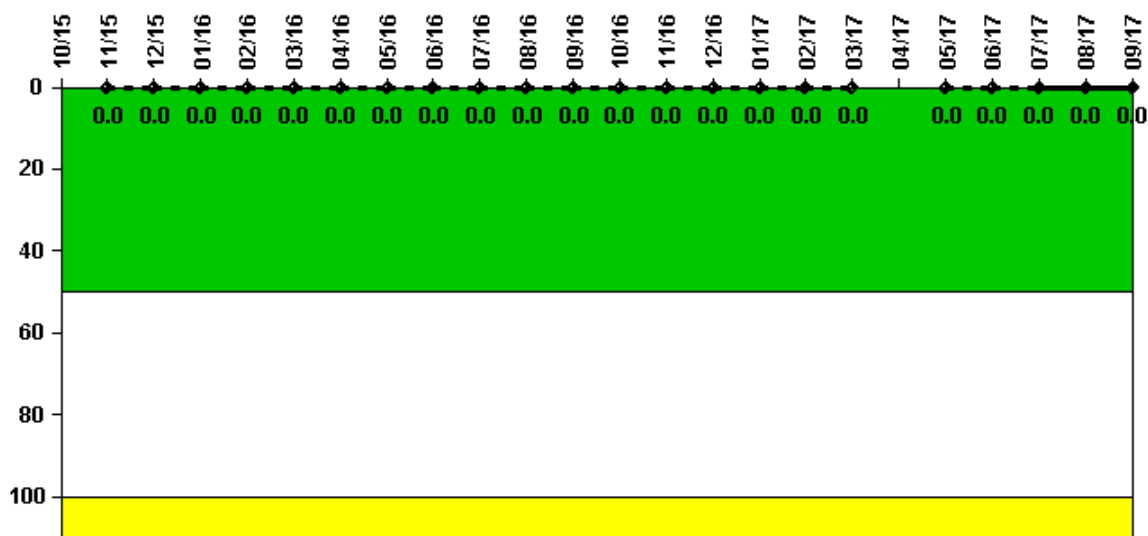
Mitigating Systems Performance Index, Cooling Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (ΔCDF)	-3.18E-09	-3.06E-09	-3.22E-09	-3.94E-09	-3.94E-09	-3.81E-09	1.65E-08	1.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-09	-3.10E-09	-3.20E-09	-3.90E-09	-3.90E-09	-3.80E-09	1.60E-08	1.60E-08

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Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

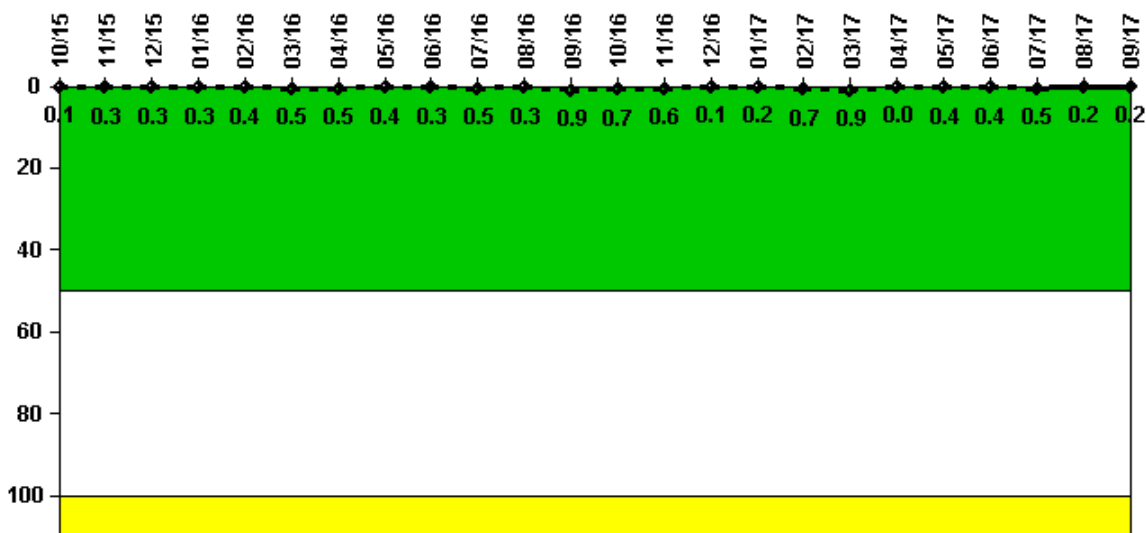
Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	N/A	0.000038	0.000039	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058	0.000050	0.000048	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000052	0.000060	0.000069	0.000068	0.000065	0.000070	N/A	0.000061	0.000034	0.000043	0.000049	0.000041
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

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Licensee Comments:

12/15: RCS activity was not calculated for the month of October as the unit was in a refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.011	0.029	0.027	0.031	0.040	0.048	0.048	0.035	0.029	0.052	0.025	0.091
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

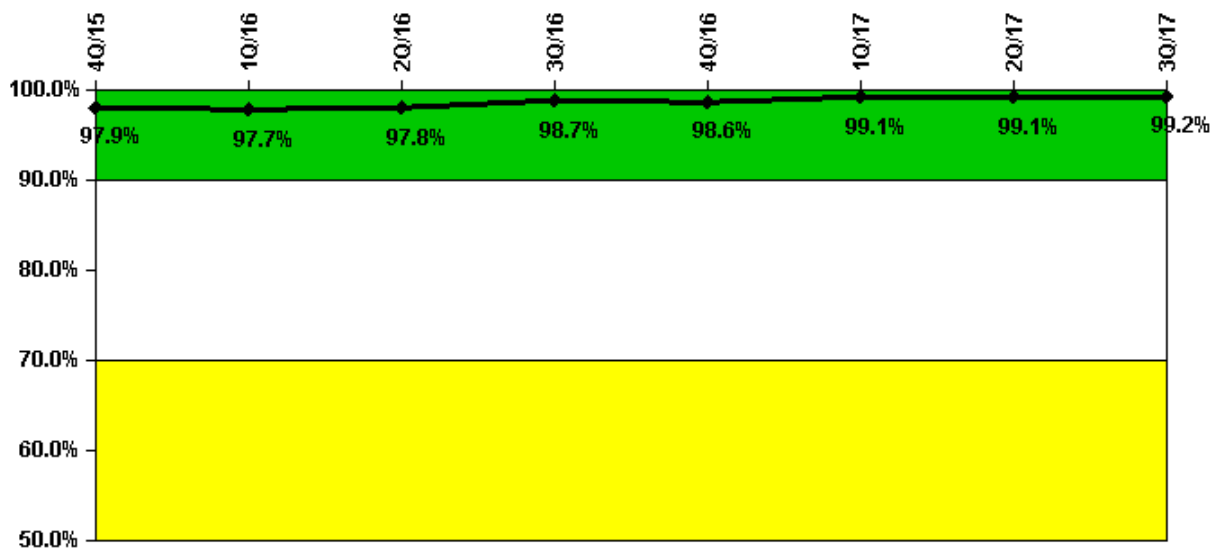
Reactor Coolant System Leakage	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Indicator value	0.1	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.3	0.9
Maximum leakage	0.071	0.063	0.014	0.015	0.071	0.087	0	0.041	0.035	0.045	0.022	0.022
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.7	0.6	0.1	0.2	0.7	0.9	0	0.4	0.4	0.5	0.2	0.2
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	36.0	42.0	32.0	27.0	23.0	21.0	40.0	17.0
Total opportunities	36.0	43.0	32.0	27.0	23.0	21.0	41.0	17.0

Indicator value **97.9% 97.7% 97.8% 98.7% 98.6% 99.1% 99.1% 99.2%**

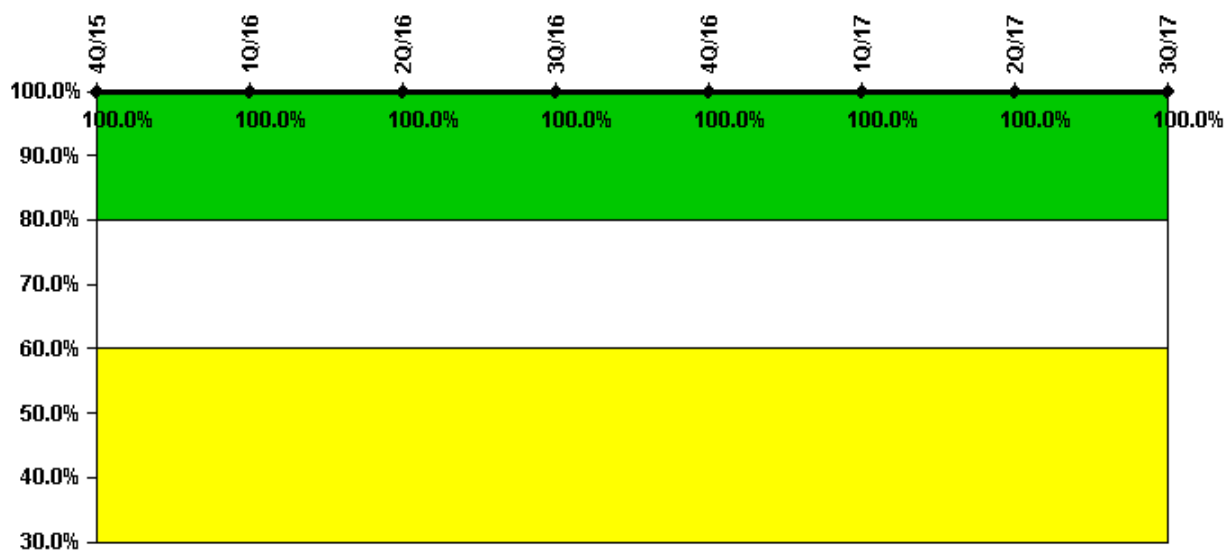
▲ TOP

Licensee Comments:

4Q/16: October 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator.

3Q/16: September 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

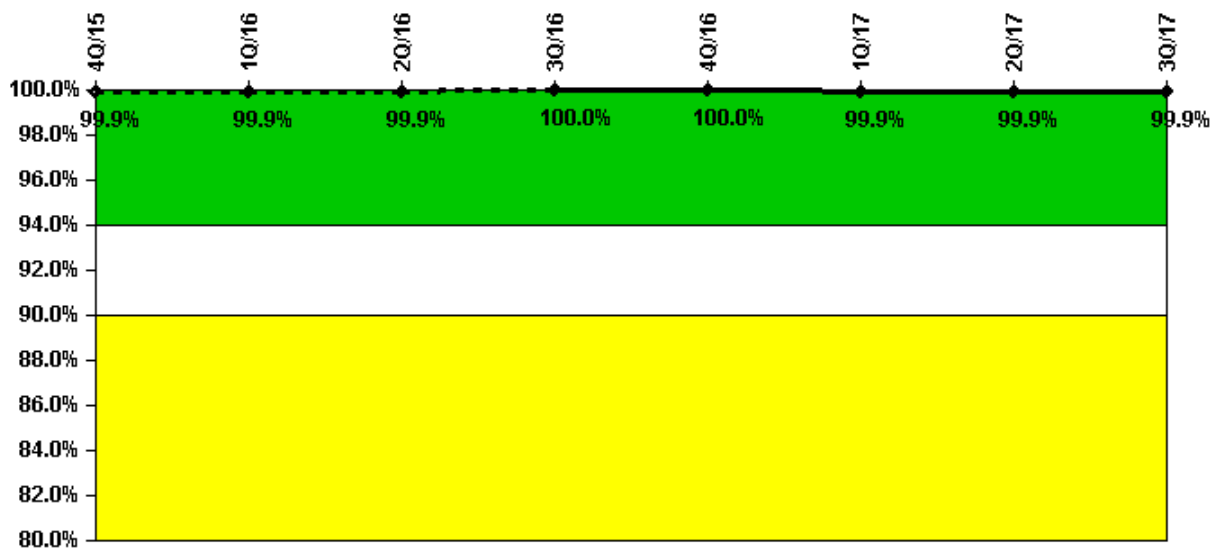
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	87.0	93.0	97.0	97.0	93.0	93.0	94.0	95.0
Total Key personnel	87.0	93.0	97.0	97.0	93.0	93.0	94.0	95.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

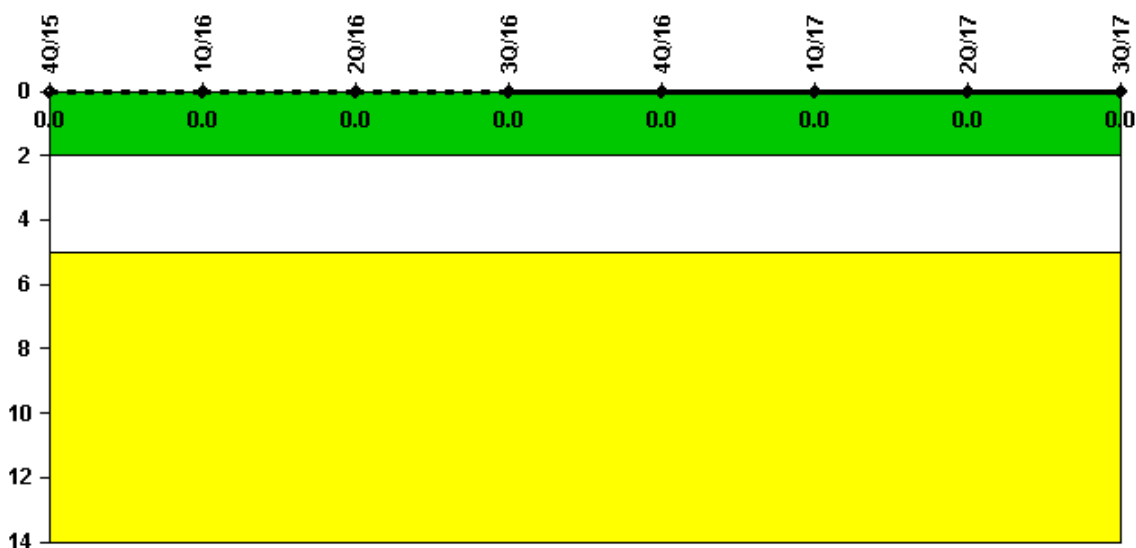
Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	847	726	847	725	847	725	847	725
Total sirens-tests	847	726	847	726	847	726	847	726

Indicator value **99.9% 99.9% 99.9% 100.0% 100.0% 99.9% 99.9% 99.9%**

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Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

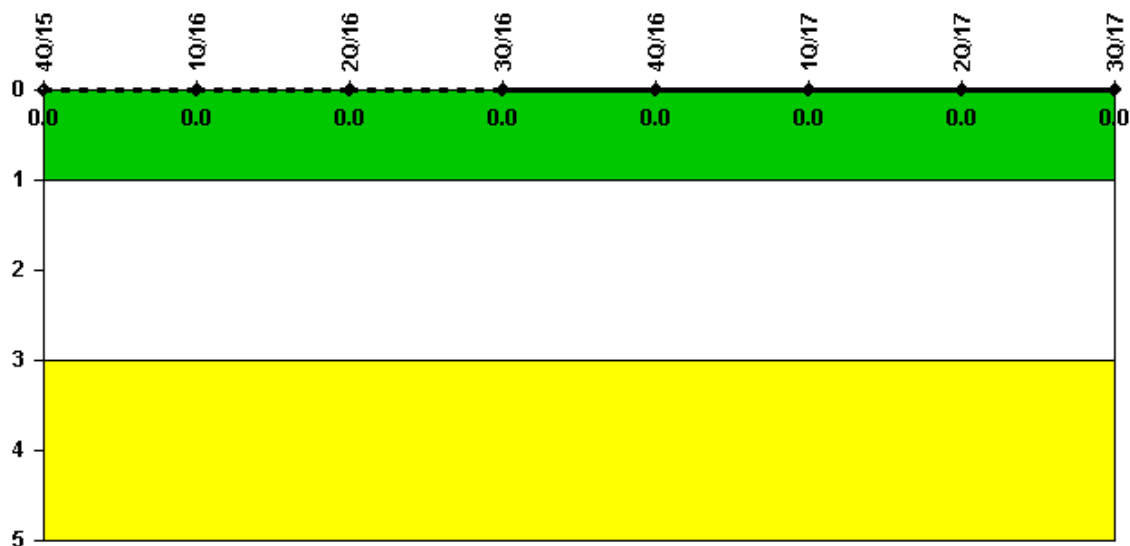
Notes

Occupational Exposure Control Effectiveness	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Seabrook 1 > Quarterly Performance Indicators

Seabrook 1 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

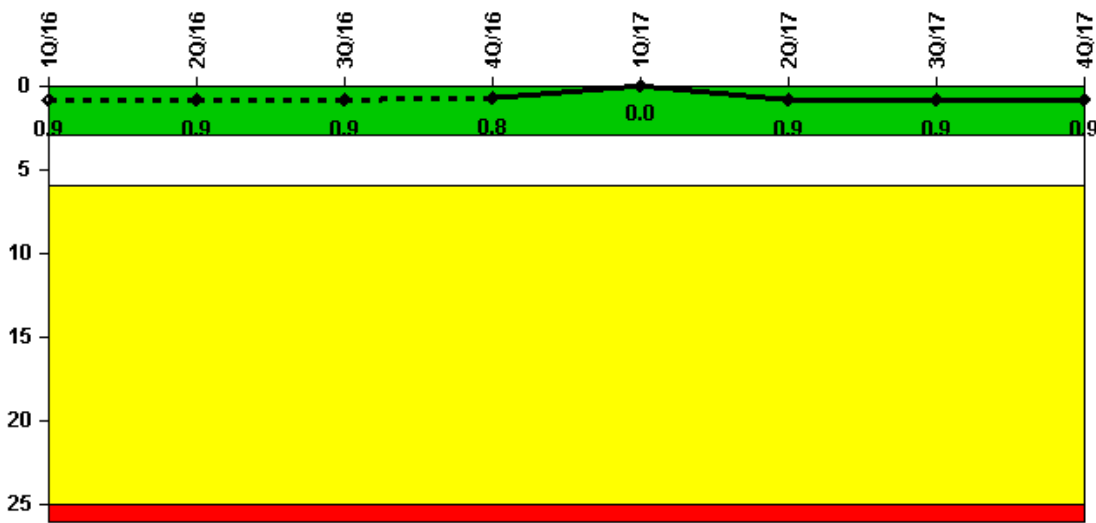
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

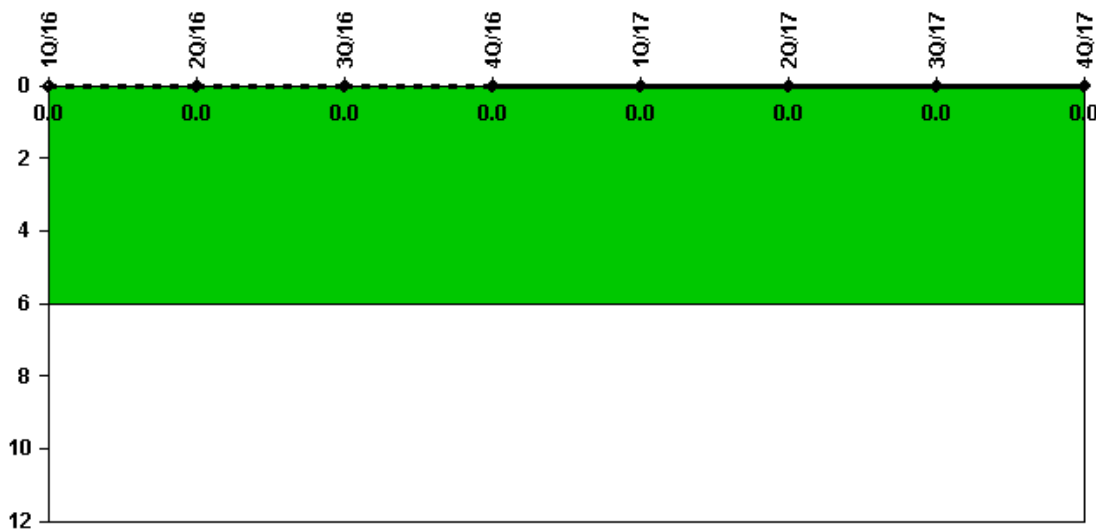
Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	1.0	0	0	0	0	1.0	0	0
Critical hours	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6	2208.0	2209.0

Indicator value: 0.9 0.9 0.9 0.8 0 0.9 0.9 0.9

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

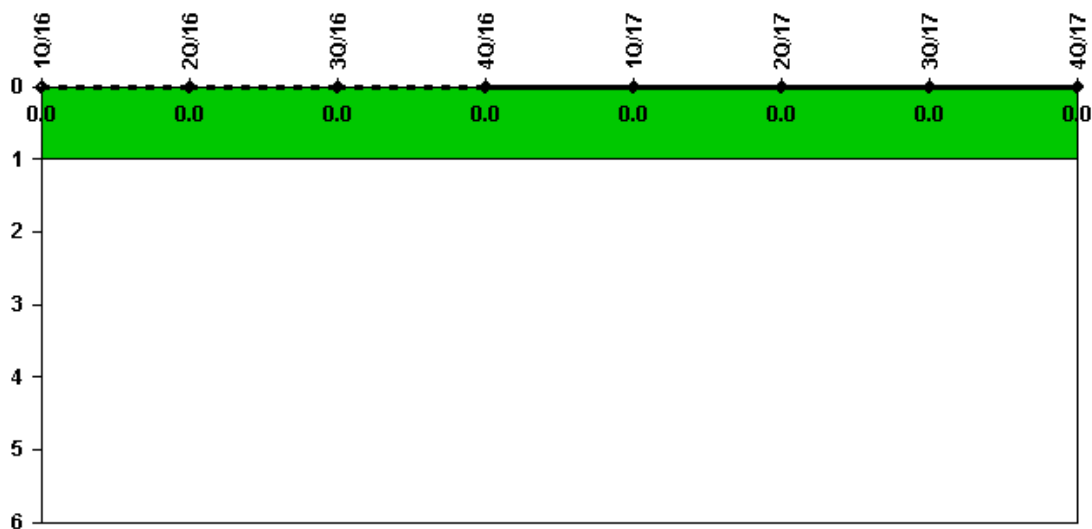
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2078.7	2184.0	2208.0	2209.0	2159.0	1480.6	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

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Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

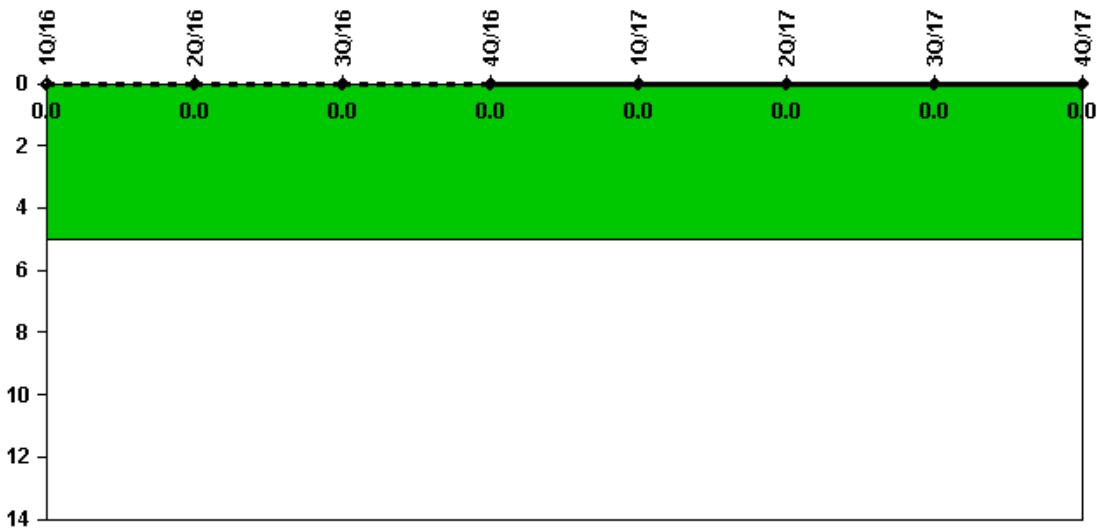
Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

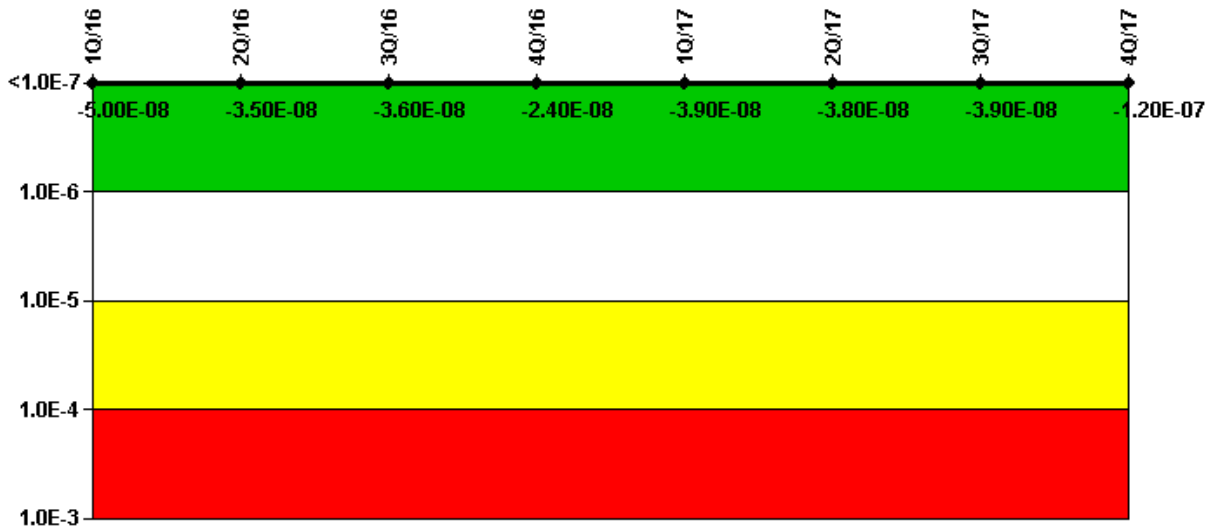
Safety System Functional Failures (PWR) 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17
 Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

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Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

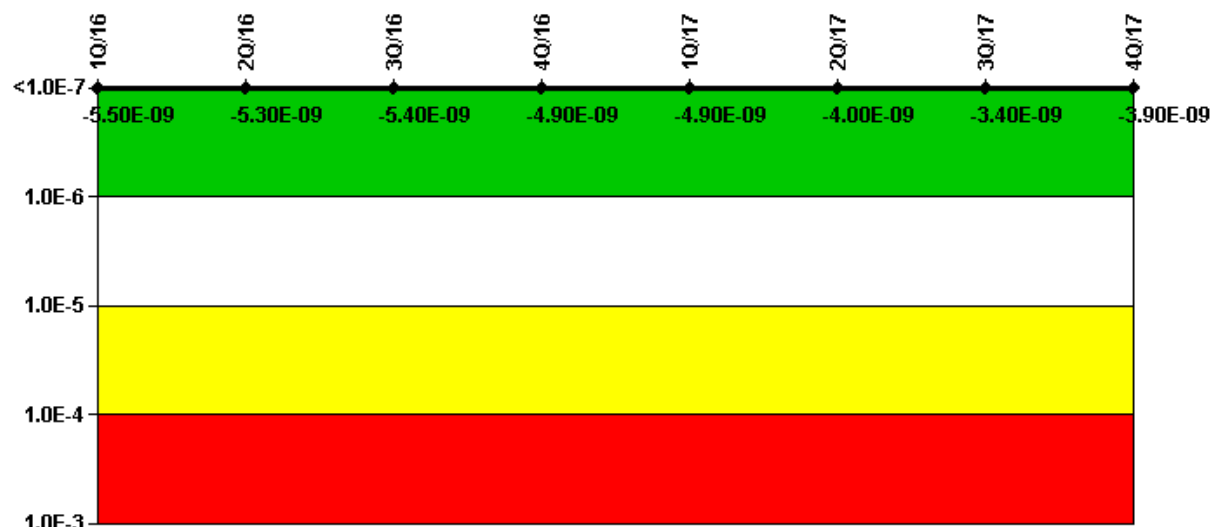
Mitigating Systems Performance Index, Emergency AC Power System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-3.06E-08	-1.46E-08	-1.49E-08	-2.56E-09	-1.70E-08	-1.61E-08	-1.73E-08	-3.06E-08
URI (ΔCDF)	-1.97E-08	-2.07E-08	-2.07E-08	-2.13E-08	-2.24E-08	-2.18E-08	-2.18E-08	-9.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-3.50E-08	-3.60E-08	-2.40E-08	-3.90E-08	-3.80E-08	-3.90E-08	-1.20E-07

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Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

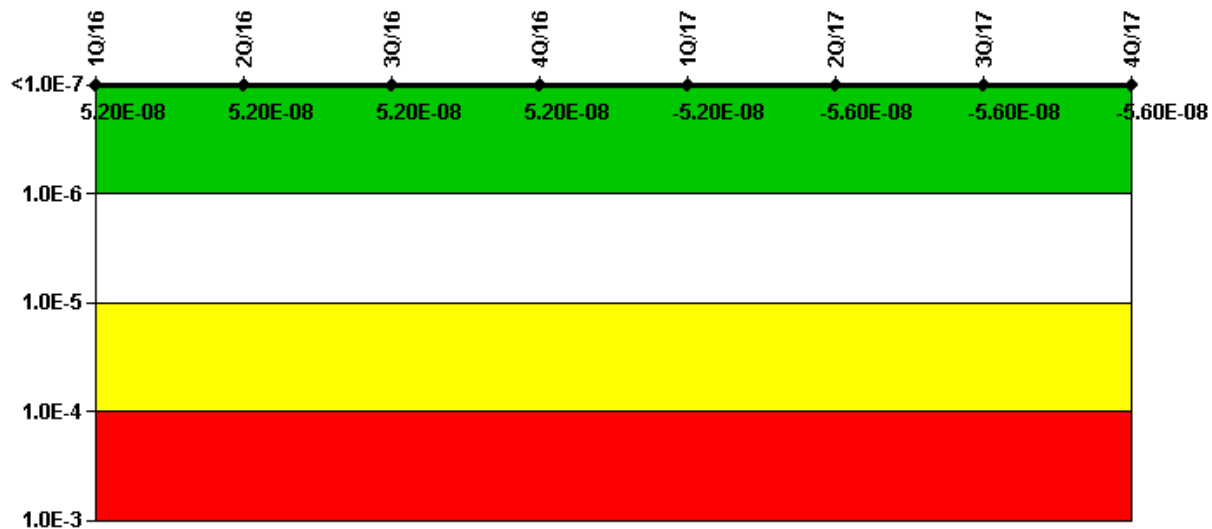
Mitigating Systems Performance Index, High Pressure Injection System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-3.11E-09	-2.89E-09	-3.02E-09	-2.56E-09	-2.57E-09	-1.72E-09	-1.17E-09	-1.64E-09
URI (ΔCDF)	-2.35E-09	-2.36E-09	-2.37E-09	-2.36E-09	-2.36E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-09	-5.30E-09	-5.40E-09	-4.90E-09	-4.90E-09	-4.00E-09	-3.40E-09	-3.90E-09

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Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

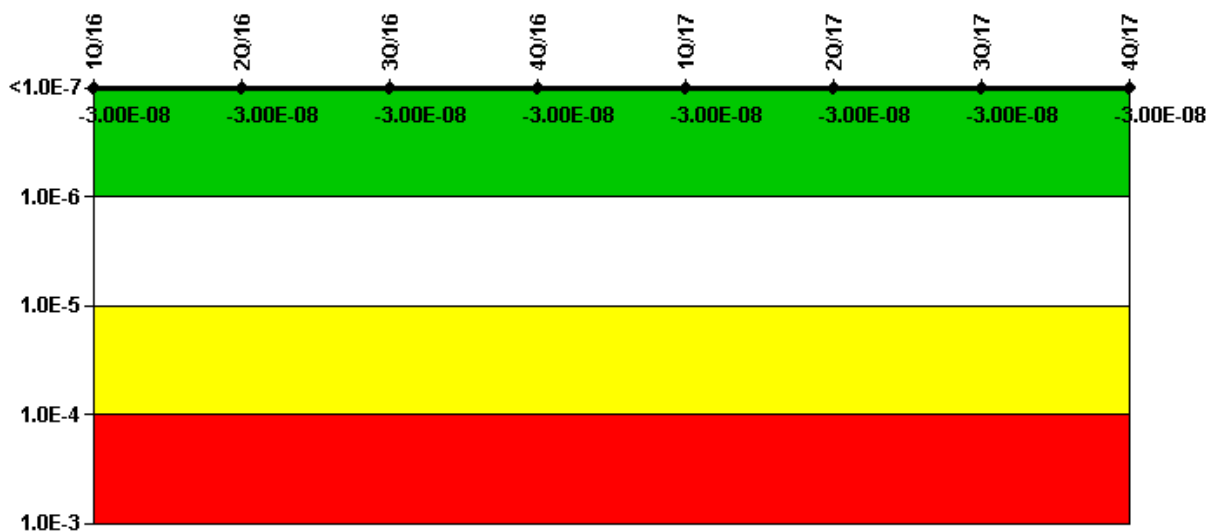
Mitigating Systems Performance Index, Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08	-1.87E-08
URI (Δ CDF)	7.07E-08	7.07E-08	7.08E-08	7.09E-08	-3.31E-08	-3.73E-08	-3.72E-08	-3.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.20E-08	5.20E-08	5.20E-08	5.20E-08	-5.20E-08	-5.60E-08	-5.60E-08	-5.60E-08

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

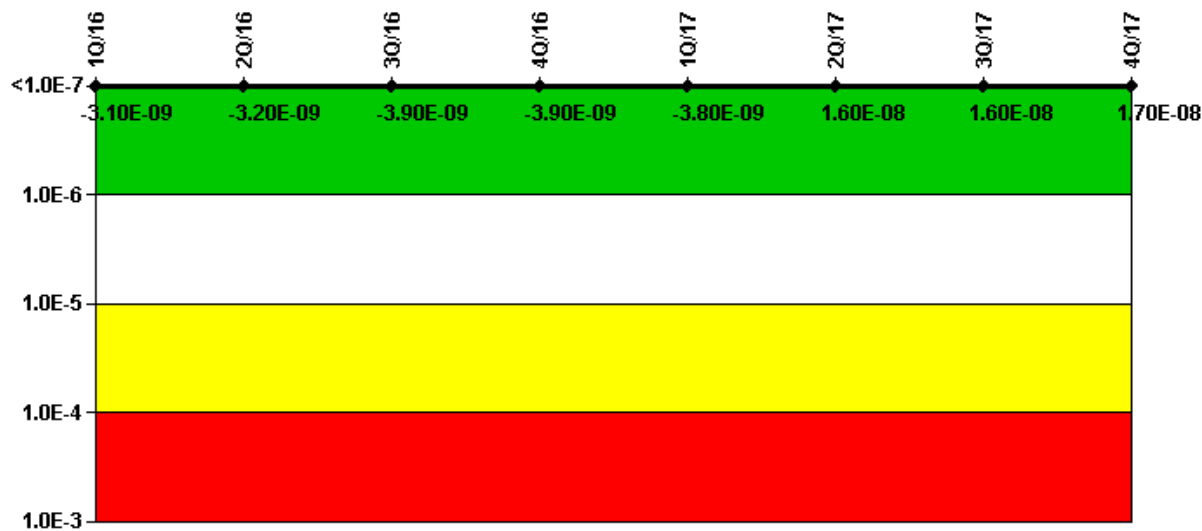
Mitigating Systems Performance Index, Residual Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09	-8.49E-09
URI (ΔCDF)	-2.13E-08	-2.13E-08	-2.13E-08	-2.14E-08	-2.11E-08	-2.13E-08	-2.12E-08	-2.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

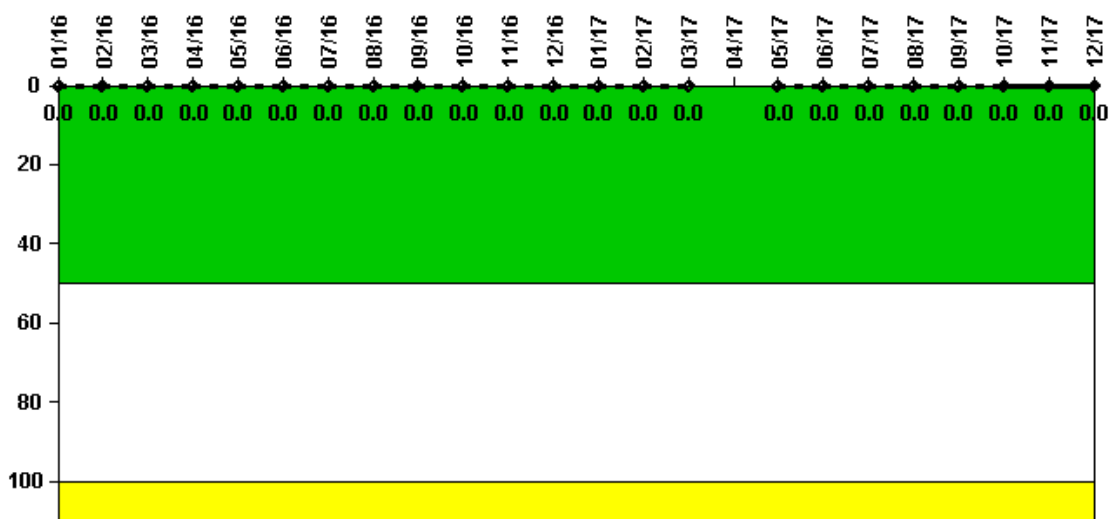
Mitigating Systems Performance Index, Cooling Water Systems

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14	-1.66E-14
URI (Δ CDF)	-3.06E-09	-3.22E-09	-3.94E-09	-3.94E-09	-3.81E-09	1.65E-08	1.64E-08	1.68E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-09	-3.20E-09	-3.90E-09	-3.90E-09	-3.80E-09	1.60E-08	1.60E-08	1.70E-08

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Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

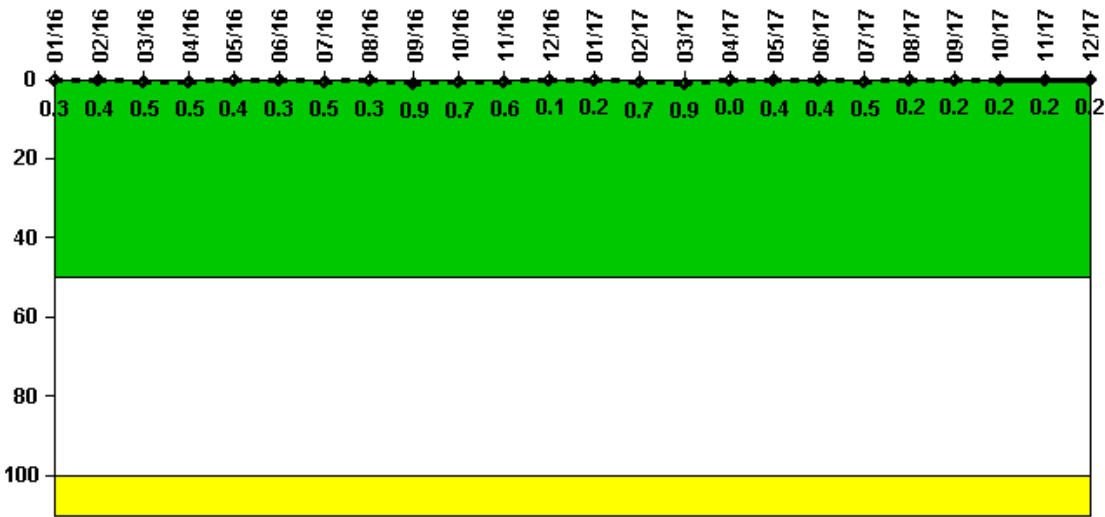
Notes

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000035	0.000069	0.000078	0.000045	0.000044	0.000058	0.000050	0.000048	0.000054	0.000052	0.000060	0.000069
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000068	0.000065	0.000070	N/A	0.000061	0.000034	0.000043	0.000049	0.000041	0.000066	0.000048	0.000051
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.031	0.040	0.048	0.048	0.035	0.029	0.052	0.025	0.091	0.071	0.063	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

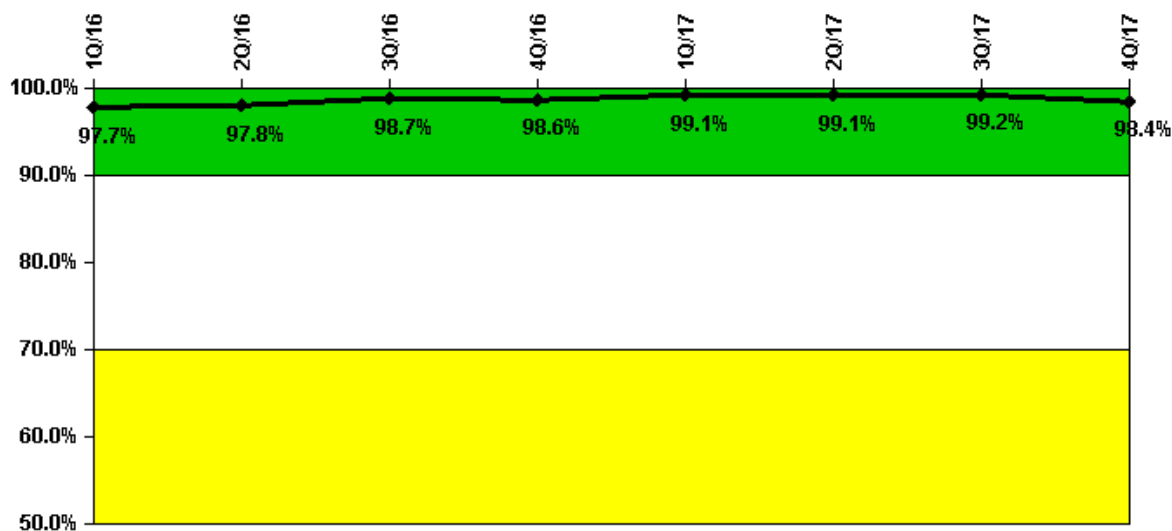
Indicator value	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.3	0.9	0.7	0.6	0.1
Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	0.015	0.071	0.087	0	0.041	0.035	0.045	0.022	0.022	0.020	0.018	0.021
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.7	0.9	0	0.4	0.4	0.5	0.2	0.2	0.2	0.2	0.2
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	42.0	32.0	27.0	23.0	21.0	40.0	17.0	37.0
Total opportunities	43.0	32.0	27.0	23.0	21.0	41.0	17.0	39.0

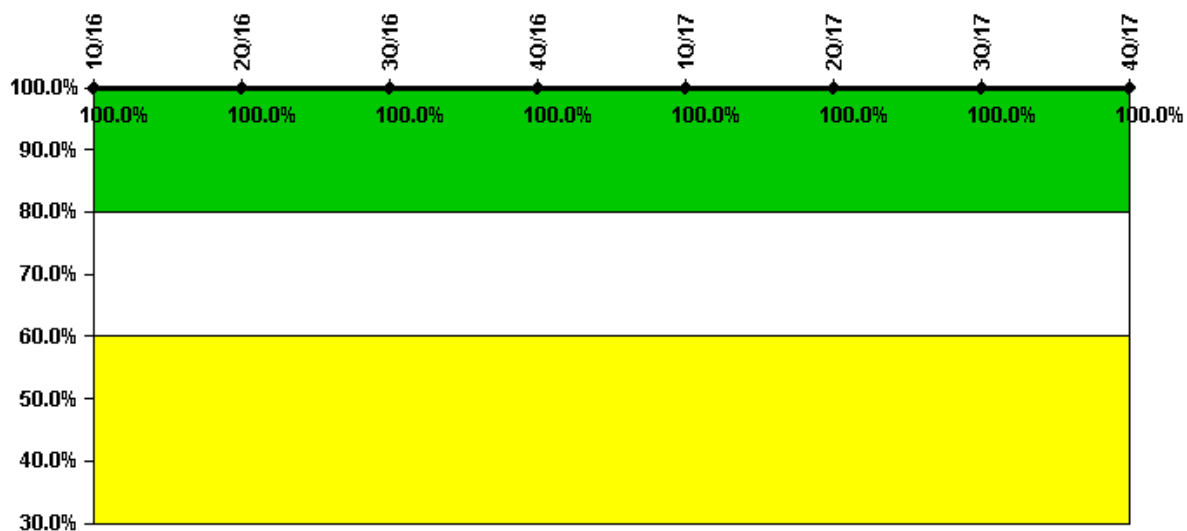
Indicator value **97.7% 97.8% 98.7% 98.6% 99.1% 99.1% 99.2% 98.4%**

▲ TOP

Licensee Comments:

4Q/16: October 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator.
 3Q/16: September 2016 value revised after discovering number was under reported. This revision did not affect the color of the indicator

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

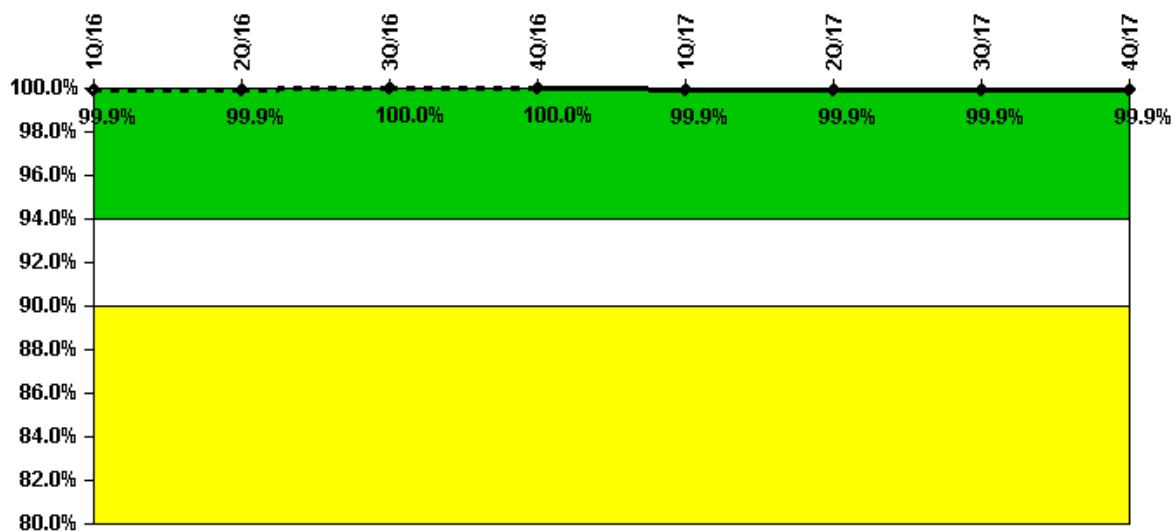
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	93.0	97.0	97.0	93.0	93.0	94.0	95.0	86.0
Total Key personnel	93.0	97.0	97.0	93.0	93.0	94.0	95.0	86.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

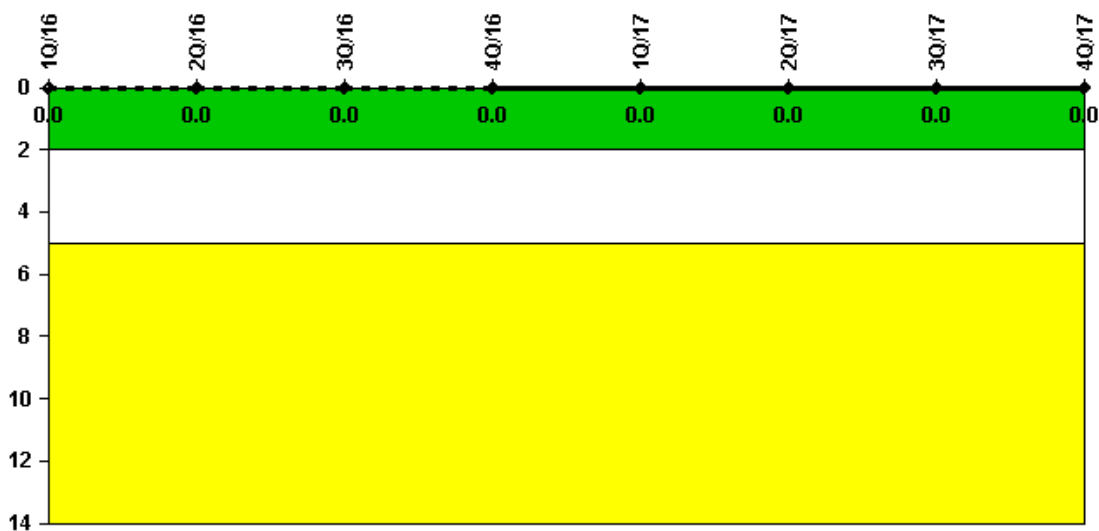
Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	726	847	725	847	725	847	725	726
Total sirens-tests	726	847	726	847	726	847	726	726

Indicator value 99.9% 99.9% 100.0% 100.0% 99.9% 99.9% 99.9% 99.9%

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Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

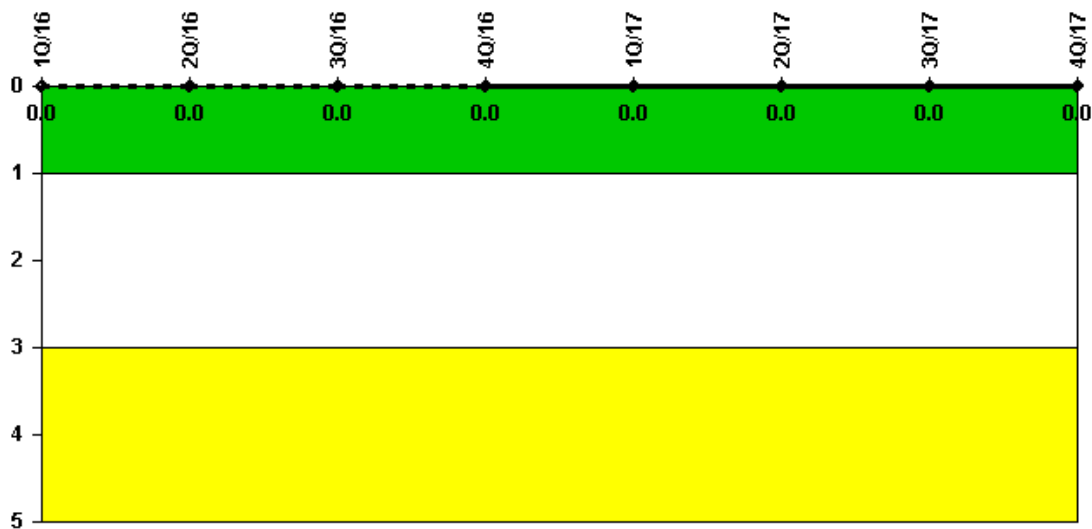
Occupational Exposure Control Effectiveness 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

[TOP](#)

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017